

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
 Data File : VN053030.D
 Acq On : 20 Dec 2018 00:36
 Operator : MD\SY
 Sample : J6411-03
 Misc : 6.03g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 37 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 20 05:28:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1392196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2102526	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1909149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	834541	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	661122	46.79	ug/l	0.00
Spiked Amount			Recovery	=	93.58%	
35) Dibromofluoromethane	7.59	113	532978	55.49	ug/l	0.00
Spiked Amount			Recovery	=	110.98%	
50) Toluene-d8	10.09	98	2625642	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.40	95	1139531	62.96	ug/l	0.00
Spiked Amount			Recovery	=	125.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.62	56	349	0.446	ug/l #	14
16) Acetone	3.81	43	2945	1.063	ug/l	91
18) Methyl Acetate	4.33	43	1753	1.129	ug/l	94
31) Cyclohexane	7.67	56	22472	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	88689	4.395	ug/l #	48
38) Carbon Tetrachloride	7.66	117	121245	6.555	ug/l #	15
39) Methylcyclohexane	9.08	83	6720	0.274	ug/l #	85
43) Isopropyl Acetate	8.34	43	230441	9.729	ug/l #	53
51) 4-Methyl-2-Pentanone	10.09	43	27836	2.551	ug/l #	47
55) 1,1,2-Trichloroethane	10.53	97	189981	14.636	ug/l #	20
56) Ethyl methacrylate	10.43	69	78940	4.595	ug/l #	22
59) 2-Hexanone	10.72	43	1254146	169.903	ug/l #	28
65) Chlorobenzene	11.54	112	60829	1.437	ug/l #	43
67) Ethyl Benzene	11.51	91	540348	7.424	ug/l	100
68) m/p-Xylenes	11.63	106	62795	2.270	ug/l #	64
69) o-Xylene	11.95	106	53136	2.001	ug/l	43
71) Bromoform	12.40	173	4815	0.453	ug/l #	1
73) Isopropylbenzene	12.25	105	3106325	47.573	ug/l	100
74) N-amyl acetate	12.05	43	3595612	198.341	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.47	83	324621	25.341	ug/l #	25
76) 1,2,3-Trichloropropane	12.59	75	47542	3.384	ug/l #	100
77) Bromobenzene	12.50	156	3693	0.218	ug/l #	1
78) n-propylbenzene	12.59	91	8356650	112.372	ug/l	99
79) 2-Chlorotoluene	12.69	91	572809	12.427	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	4634617	87.082	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.25	75	31696	7.272	ug/l #	4
82) 4-Chlorotoluene	12.73	91	500294	11.087	ug/l #	62
83) tert-Butylbenzene	12.99	119	534022	11.345	ug/l	94
84) 1,2,4-Trimethylbenzene	13.17	105	4494804	84.011	ug/l #	30
85) sec-Butylbenzene	13.17	105	4494804	70.600	ug/l #	74
86) p-Isopropyltoluene	13.29	119	3854404	70.064	ug/l	100
89) n-Butylbenzene	13.62	91	5433229	114.799	ug/l #	72
90) Hexachloroethane	13.89	117	621708	73.643	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	29718	13.417	ug/l #	1

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QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

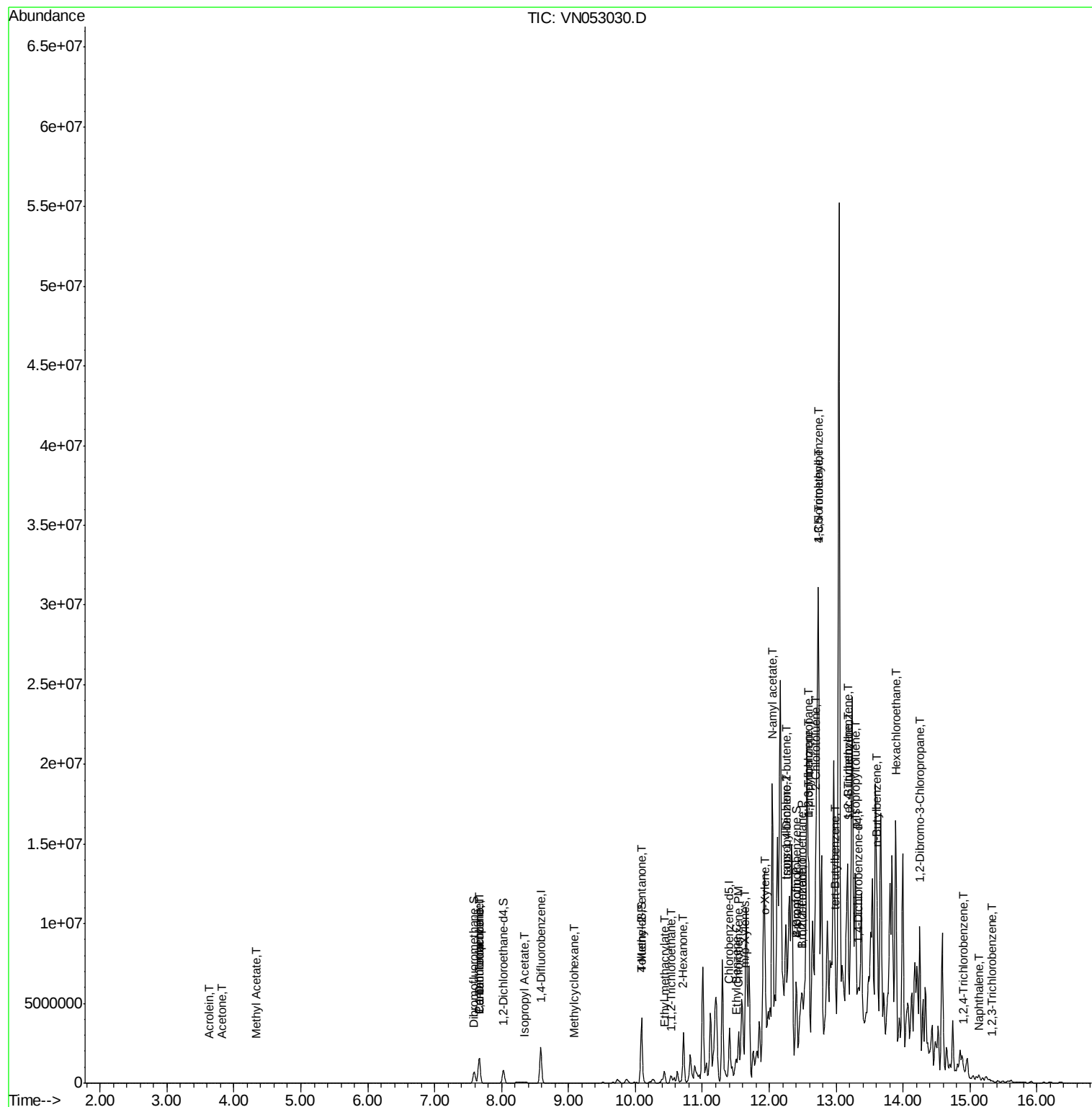
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	2385	0.753	ug/l #	1
94) Hexachlorobutadiene	15.01	225	133	Below Cal	#	47
95) Naphthalene	15.13	128	267486	9.112	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	1616	0.627	ug/l #	75

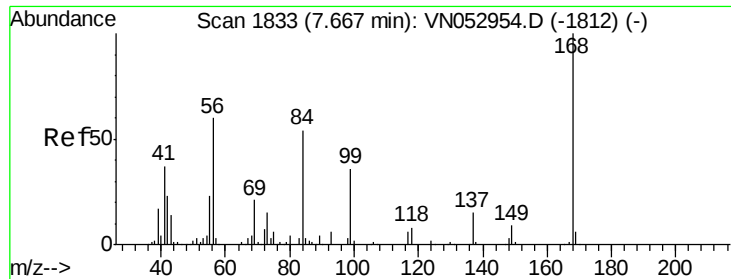
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053030.D

Acq: 20 Dec 2018 00:36

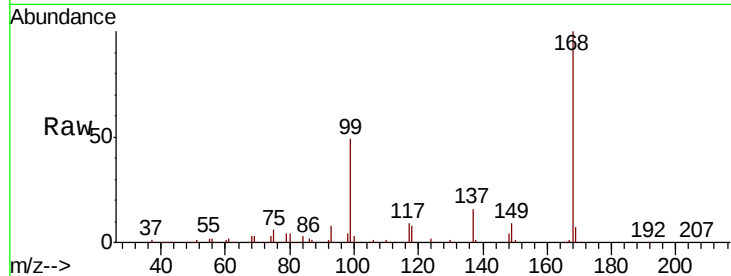
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1392196

Ion Ratio Lower Upper

168 100

99 49.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

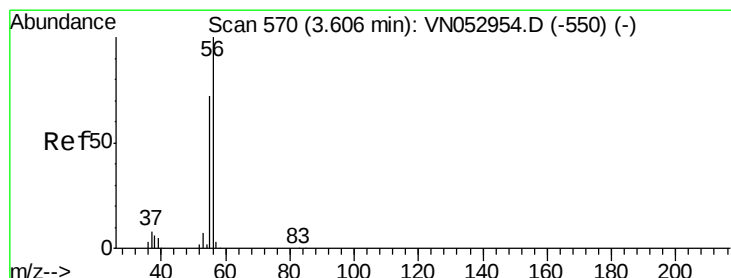
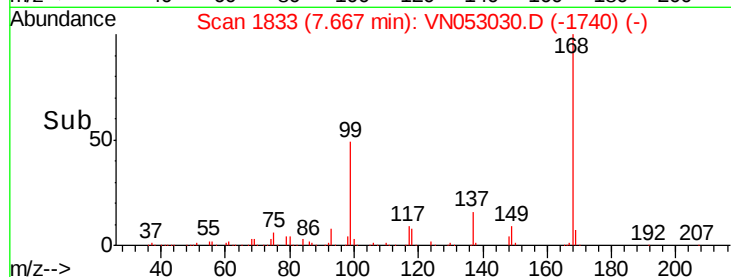
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#13

Acrolein

Concen: 0.446 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN053030.D

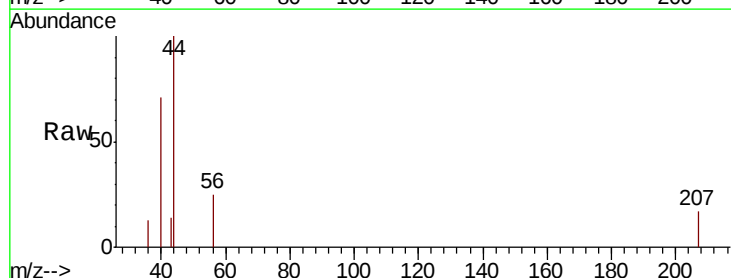
Acq: 20 Dec 2018 00:36

Tgt Ion: 56 Resp: 349

Ion Ratio Lower Upper

56 100

55 0.0 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

3.62

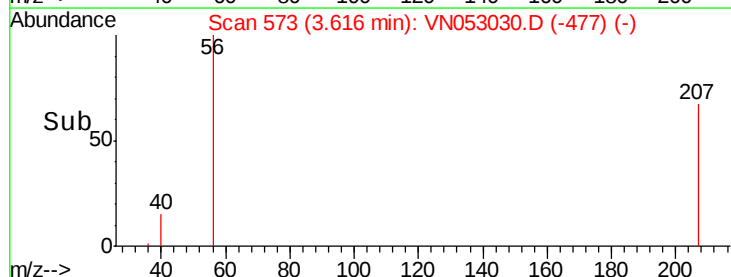
300

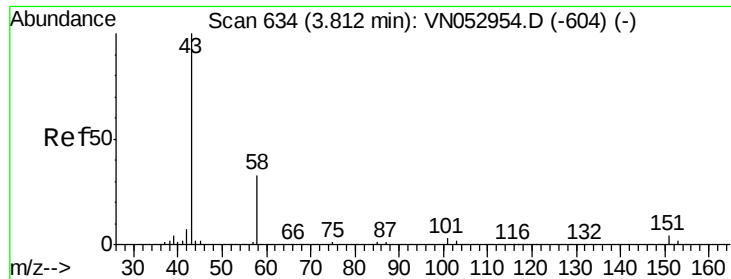
200

100

0

Time--> 3.60 3.62 3.64





#16

Acetone

Concen: 1.063 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN053030.D

Acq: 20 Dec 2018 00:36

Instrument :

MSVOA_N

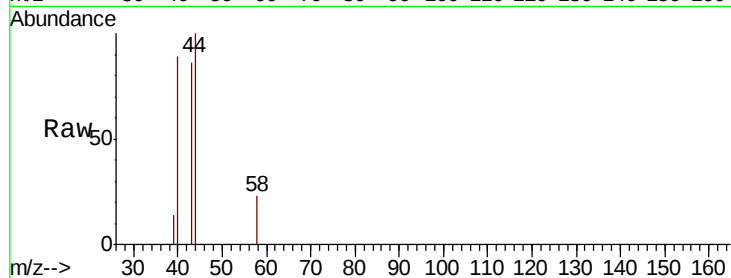
ClientSampled :

Tot Ion: 43 Resp: 2945

Ion Ratio Lower Upper

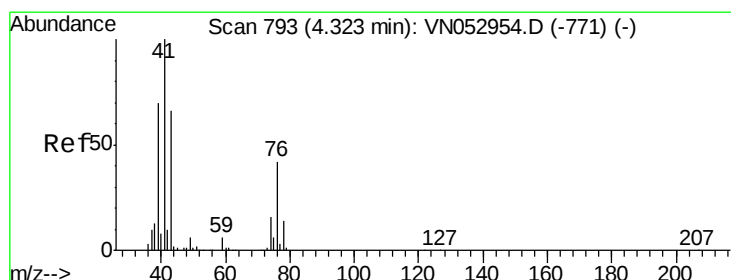
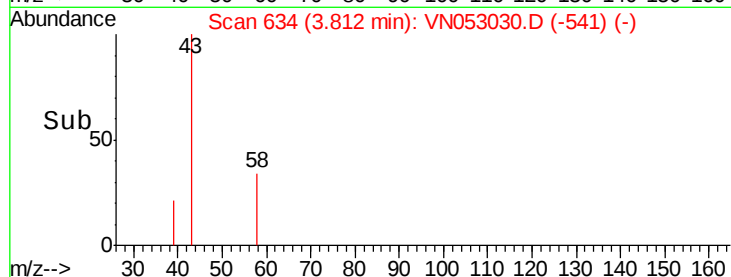
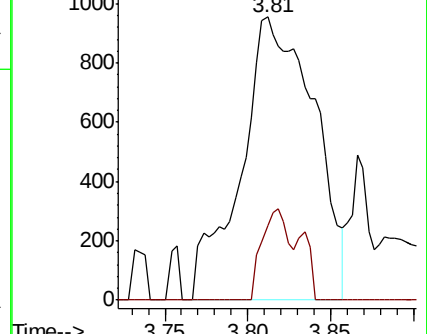
43 100

58 26.5 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 1.129 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053030.D

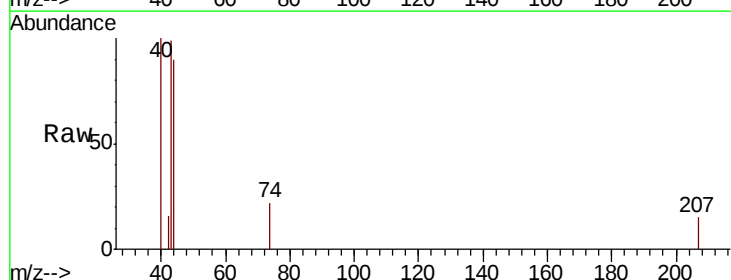
Acq: 20 Dec 2018 00:36

Tgt Ion: 43 Resp: 1753

Ion Ratio Lower Upper

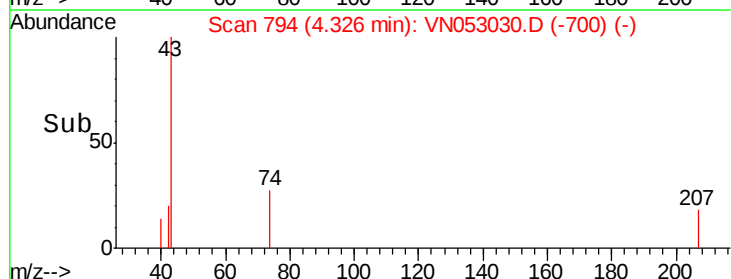
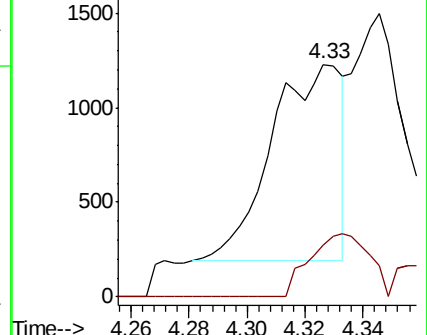
43 100

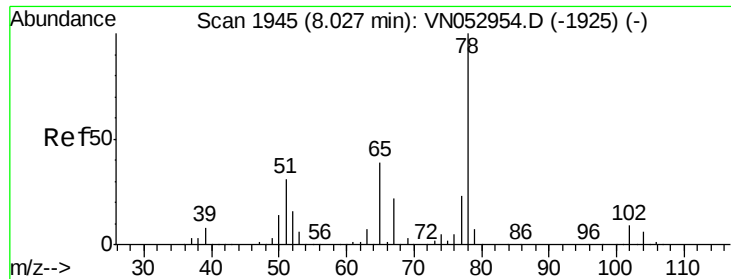
74 27.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

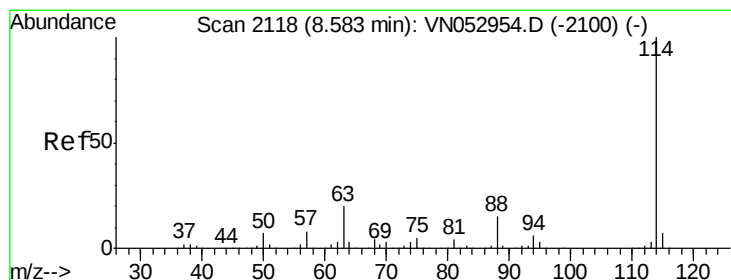
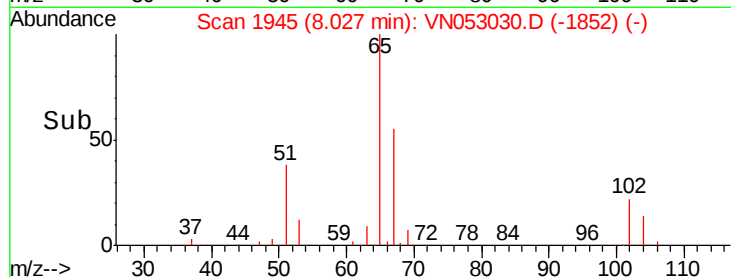
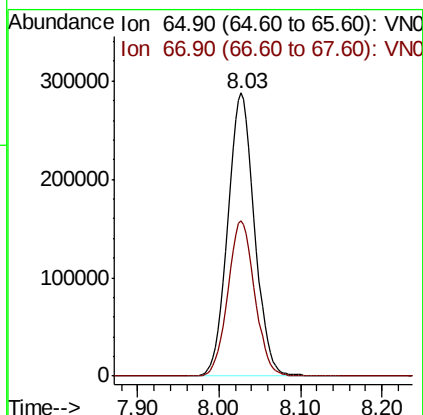
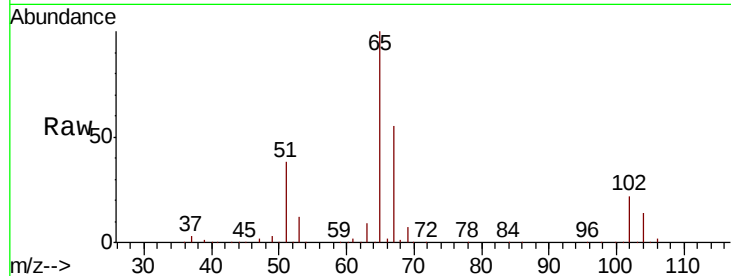




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053030.D
 Acq: 20 Dec 2018 00:36

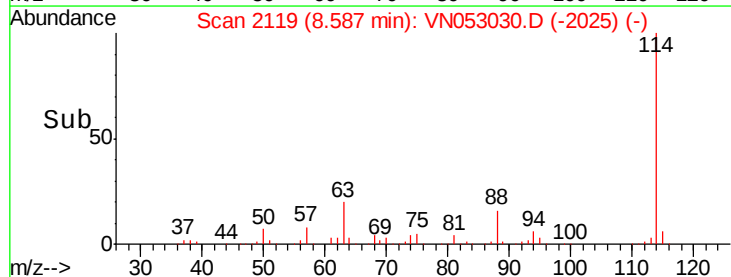
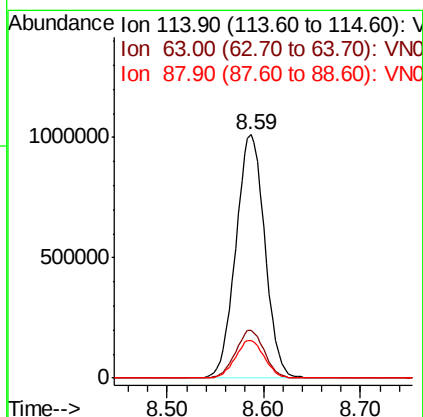
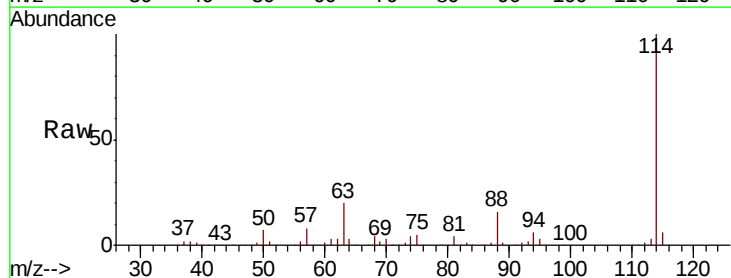
Instrument :
 MSVOA_N
 ClientSampleId :

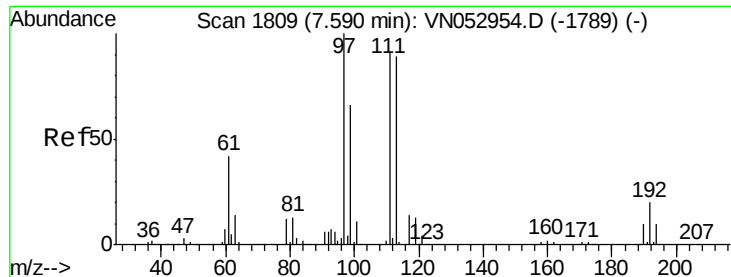
Tot Ion: 65 Resp: 661122
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053030.D
 Acq: 20 Dec 2018 00:36

Tgt Ion: 114 Resp: 2102526
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.6 0.0 31.0

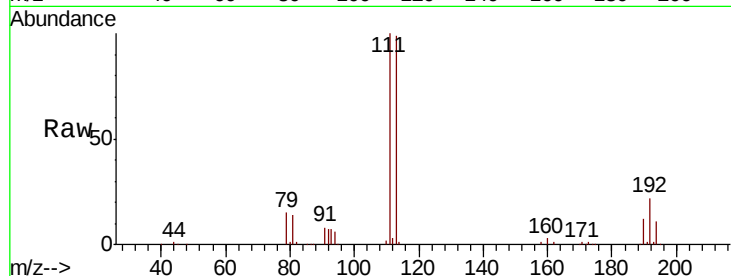




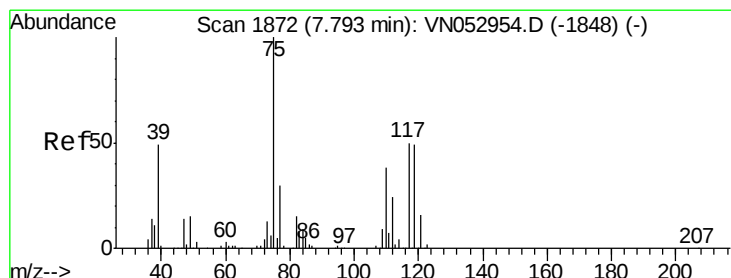
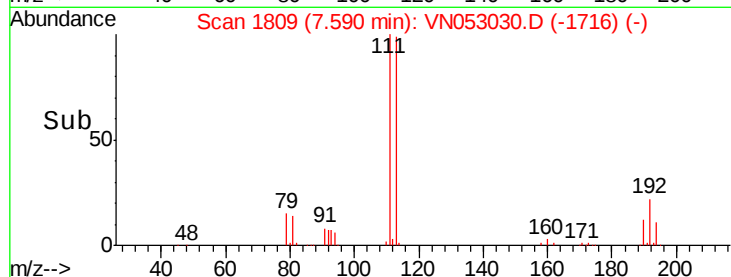
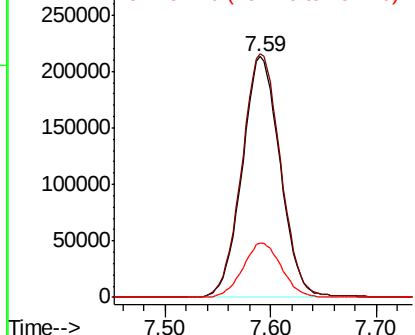
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053030.D
 Acq: 20 Dec 2018 00:36

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:113 Resp: 532978
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.0 124.4
 192 22.9 17.5 26.3

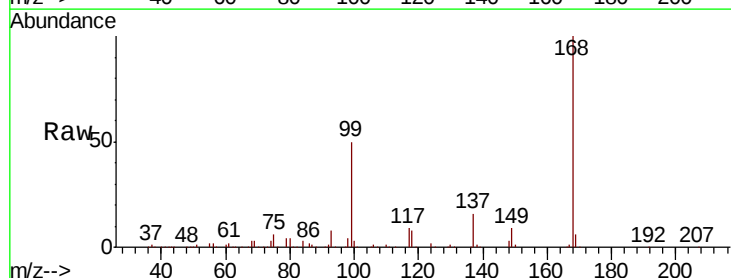


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

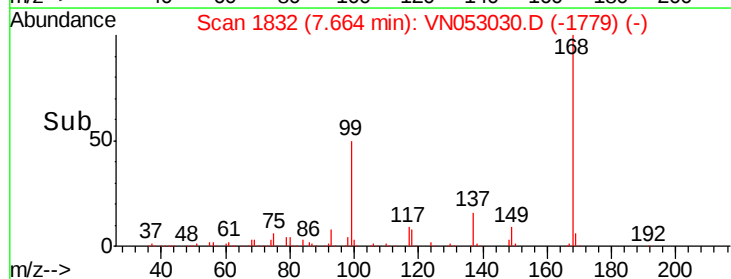
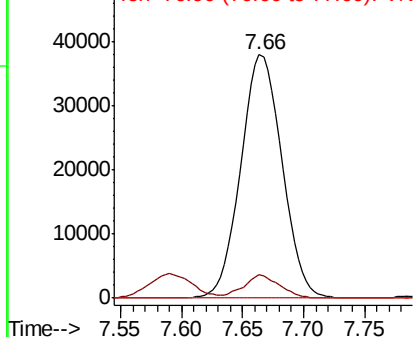


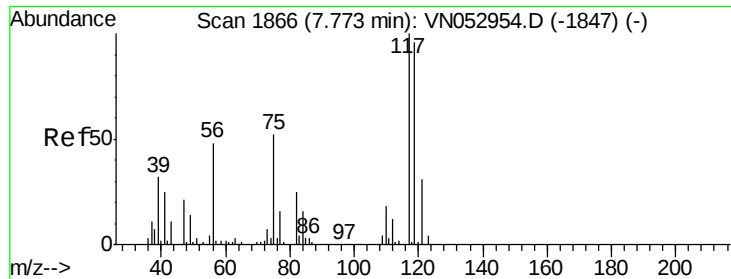
#36
 1,1-Dichloropropene
 Concen: 4.395 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053030.D
 Acq: 20 Dec 2018 00:36

Tgt Ion: 75 Resp: 88689
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.2 54.6#
 77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO

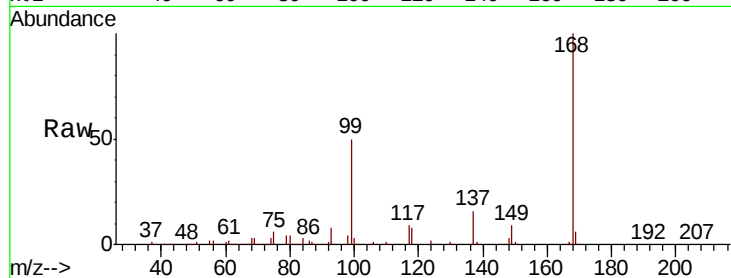




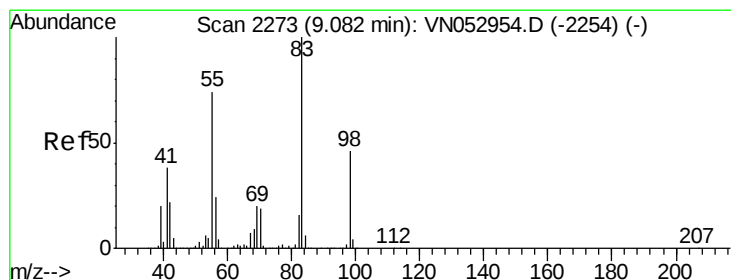
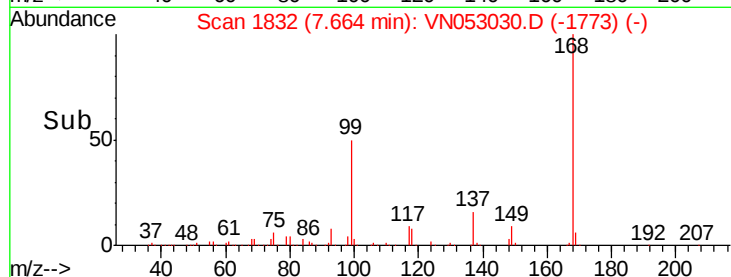
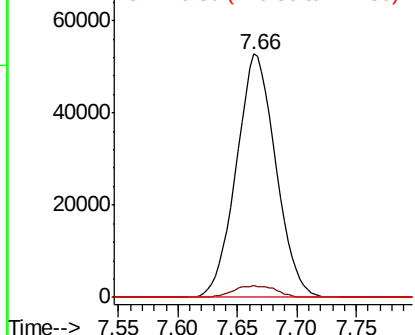
#38
Carbon Tetrachloride
Concen: 6.555 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN053030.D
Acq: 20 Dec 2018 00:36

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 121245
Ion Ratio Lower Upper
117 100
119 4.7 77.1 115.7#
121 0.0 24.9 37.3#

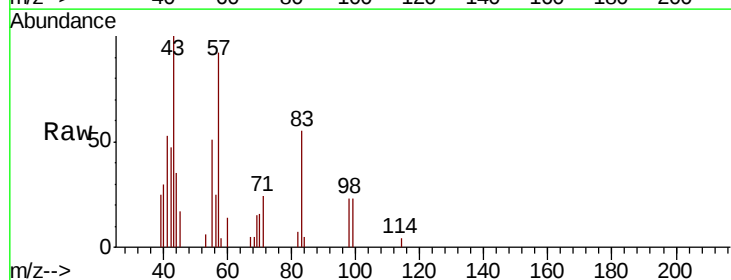


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

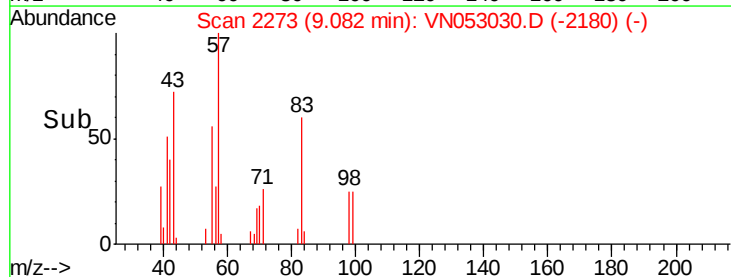
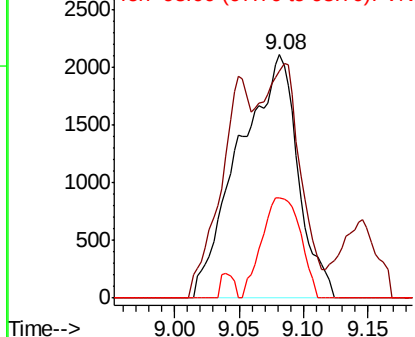


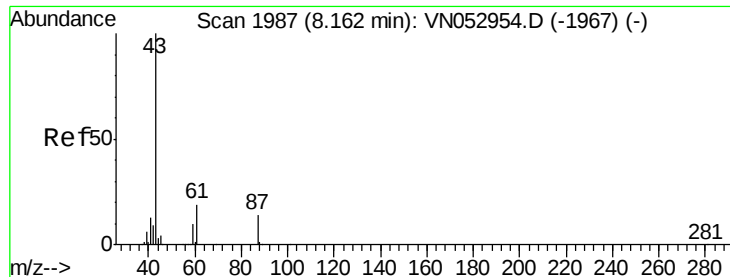
#39
Methylcyclohexane
Concen: 0.274 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053030.D
Acq: 20 Dec 2018 00:36

Tgt Ion: 83 Resp: 6720
Ion Ratio Lower Upper
83 100
55 93.1 61.3 91.9#
98 41.4 37.0 55.4



Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0





#43

Isopropyl Acetate

Concen: 9.729 ug/l

RT: 8.34 min Scan# 2041

Delta R.T. 0.17 min

Lab File: VN053030.D

Acq: 20 Dec 2018 00:36

Instrument :

MSVOA_N

ClientSampleId :

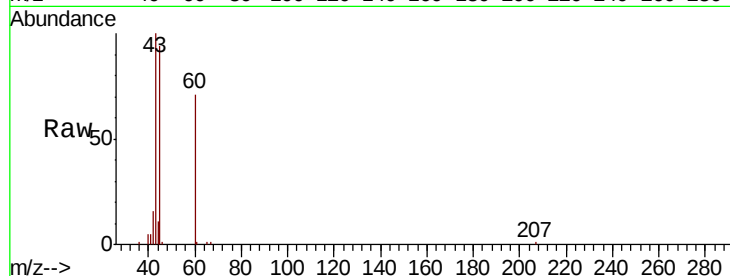
Tot Ion: 43 Resp: 230441

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

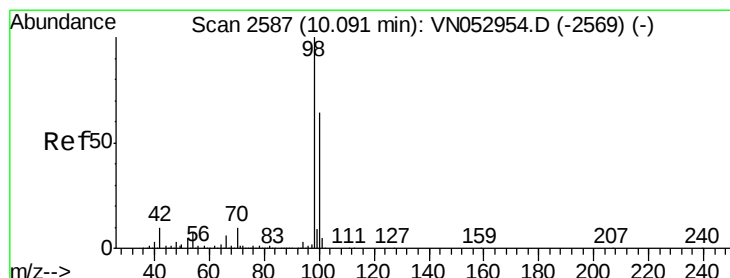
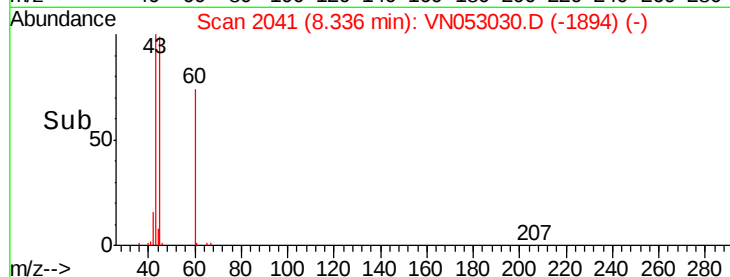
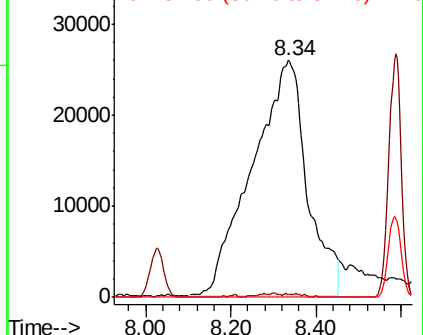
87 0.0 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN052954.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN052954.D (-1967) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053030.D

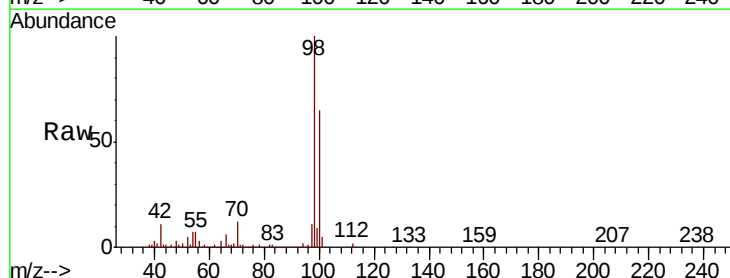
Acq: 20 Dec 2018 00:36

Tgt Ion: 98 Resp: 2625642

Ion Ratio Lower Upper

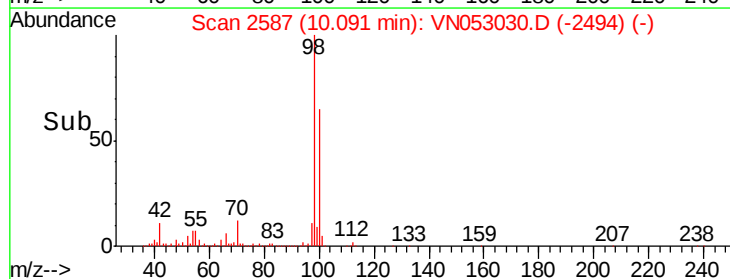
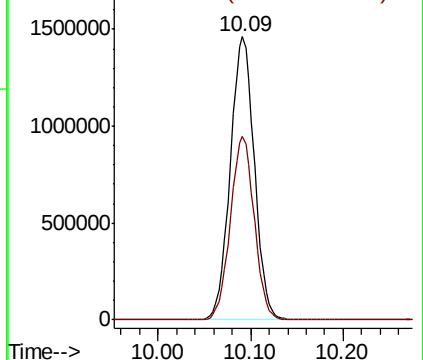
98 100

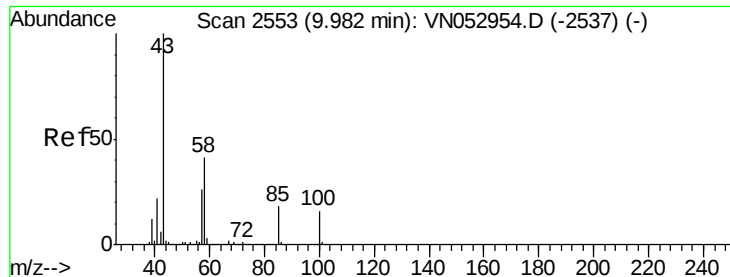
100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052954.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN052954.D (-2569) (-)





#51

4-Methyl-2-Pentanone

Concen: 2.551 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.11 min

Lab File: VN053030.D

Acq: 20 Dec 2018 00:36

Instrument :

MSVOA_N

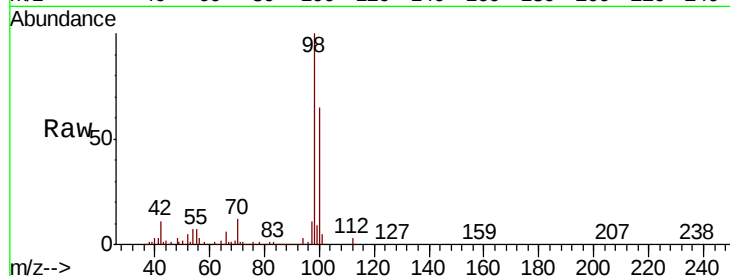
ClientSampleId :

Tot Ion: 43 Resp: 27836

Ion Ratio Lower Upper

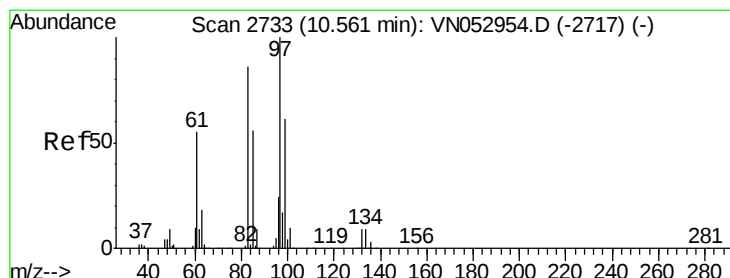
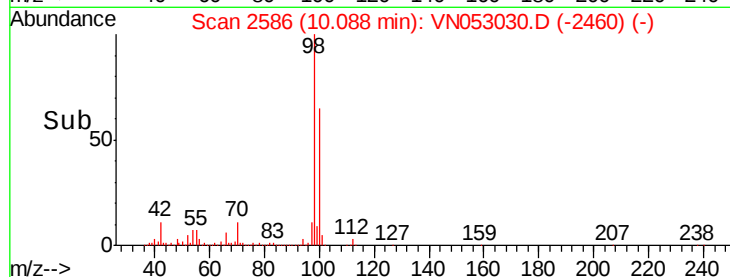
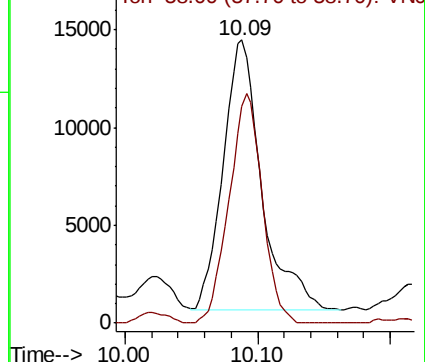
43 100

58 73.2 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 58.00 (57.70 to 58.70): VNC



#55

1,1,2-Trichloroethane

Concen: 14.636 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN053030.D

Acq: 20 Dec 2018 00:36

Tgt Ion: 97 Resp: 189981

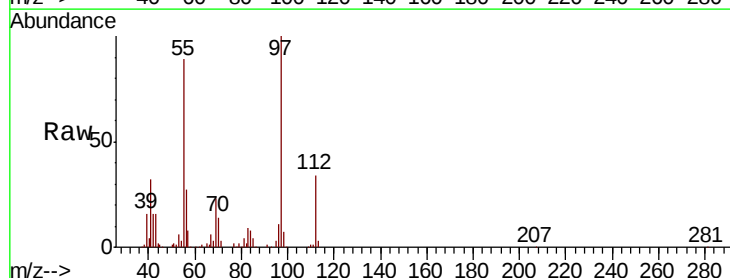
Ion Ratio Lower Upper

97 100

83 8.6 70.9 106.3#

85 4.4 45.4 68.2#

99 0.2 50.4 75.6#

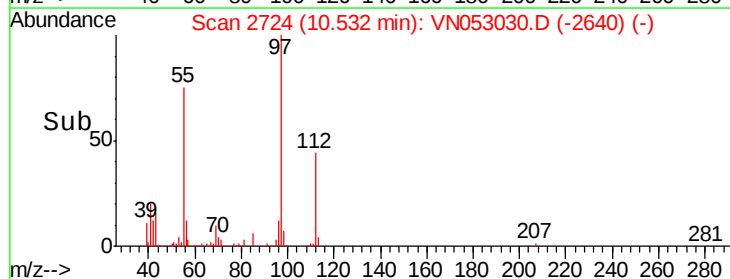
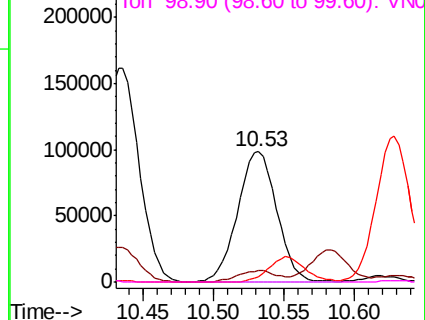


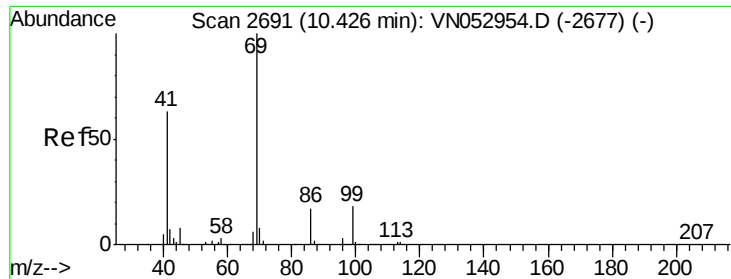
Abundance Ion 96.90 (96.60 to 97.60): VNC

Ion 82.90 (82.60 to 83.60): VNC

Ion 84.90 (84.60 to 85.60): VNC

Ion 98.90 (98.60 to 99.60): VNC





#56

Ethyl methacrylate

Concen: 4.595 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.01 min

Lab File: VN053030.D

Acq: 20 Dec 2018 00:36

Instrument :

MSVOA_N

ClientSampleId :

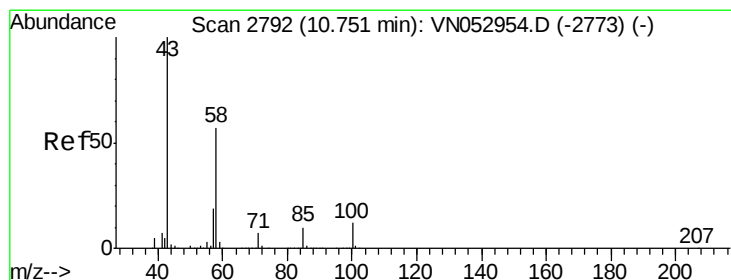
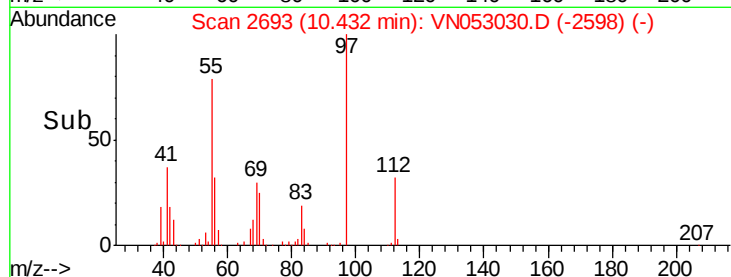
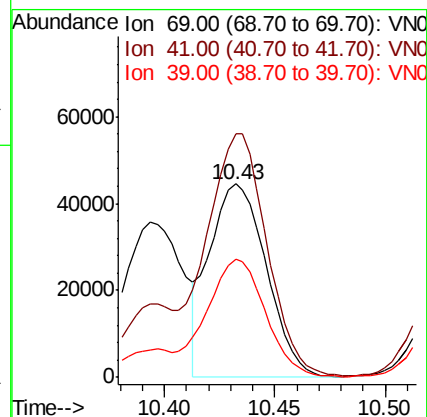
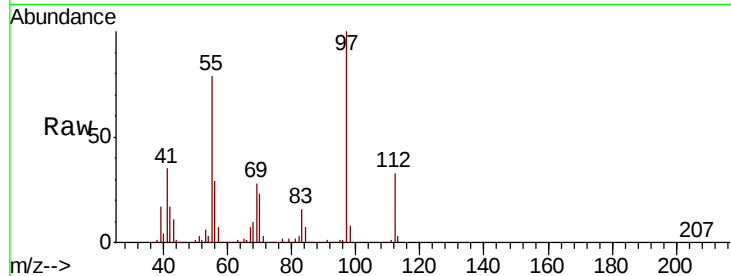
Tot Ion: 69 Resp: 78940

Ion Ratio Lower Upper

69 100

41 132.6 51.7 77.5#

39 63.5 24.6 37.0#



#59

2-Hexanone

Concen: 169.903 ug/l

RT: 10.72 min Scan# 2782

Delta R.T. -0.03 min

Lab File: VN053030.D

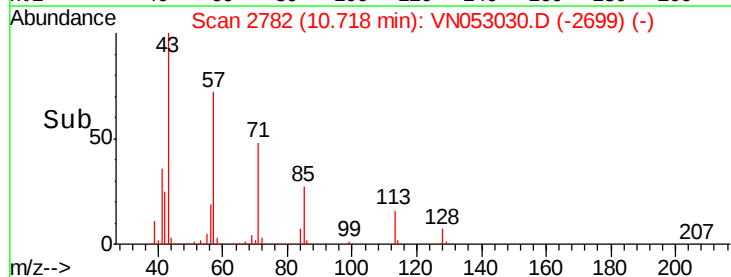
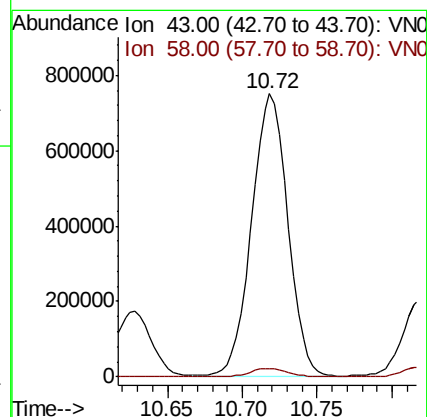
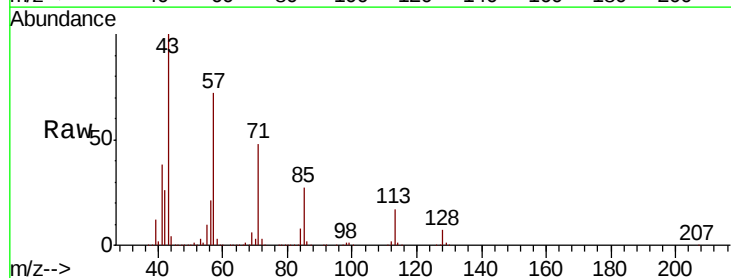
Acq: 20 Dec 2018 00:36

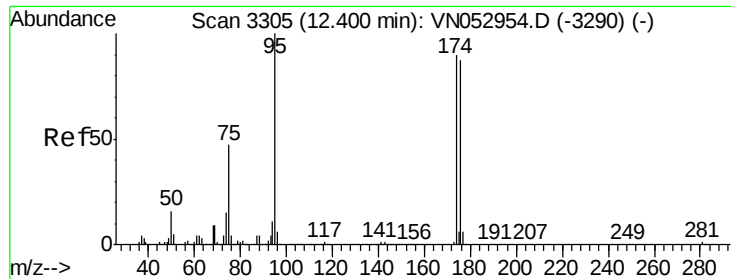
Tgt Ion: 43 Resp: 1254146

Ion Ratio Lower Upper

43 100

58 3.2 28.1 84.3#





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053030.D

Acq: 20 Dec 2018 00:36

Instrument :

MSVOA_N

ClientSampleId :

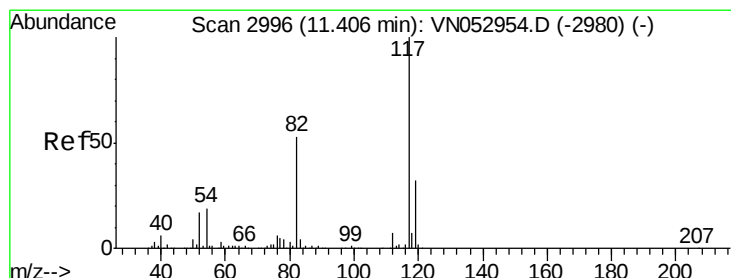
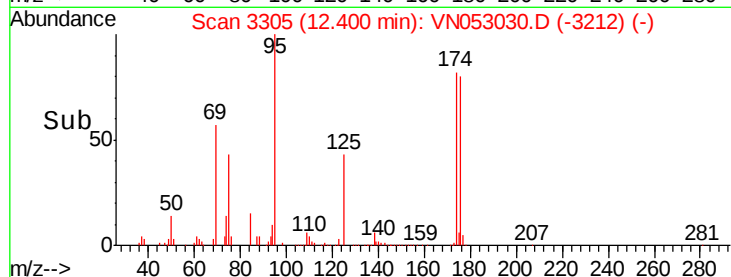
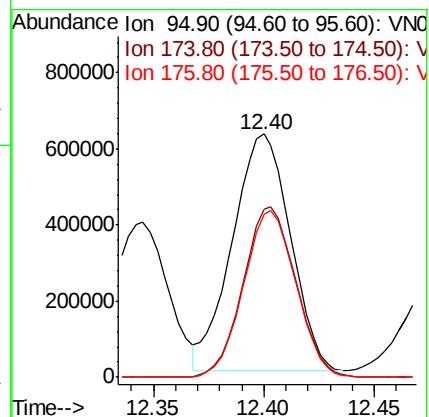
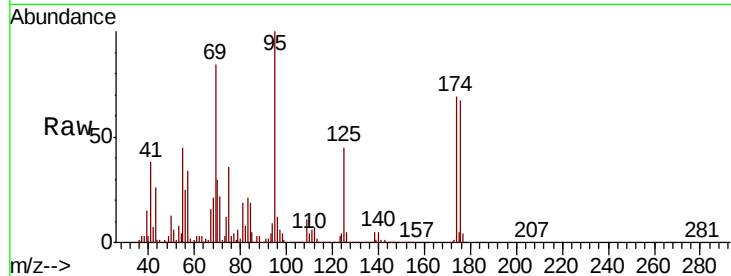
Tot Ion: 95 Resp: 1139531

Ion Ratio Lower Upper

95 100

174 65.3 0.0 178.8

176 63.5 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053030.D

Acq: 20 Dec 2018 00:36

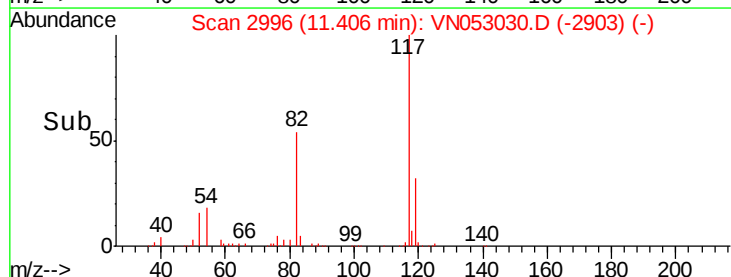
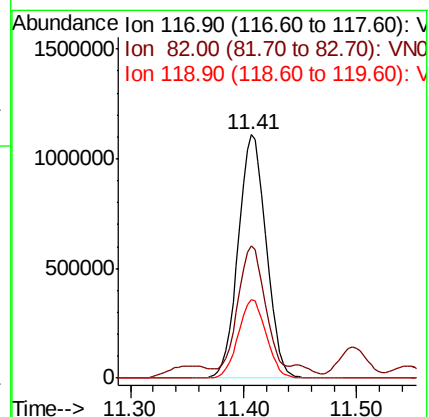
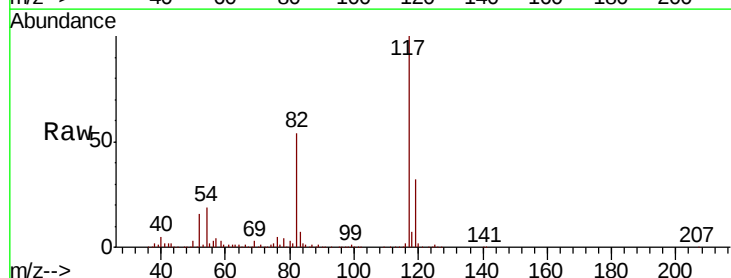
Tgt Ion: 117 Resp: 1909149

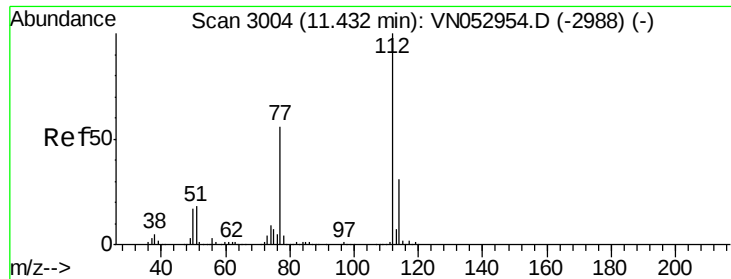
Ion Ratio Lower Upper

117 100

82 49.6 42.8 64.2

119 32.2 25.5 38.3

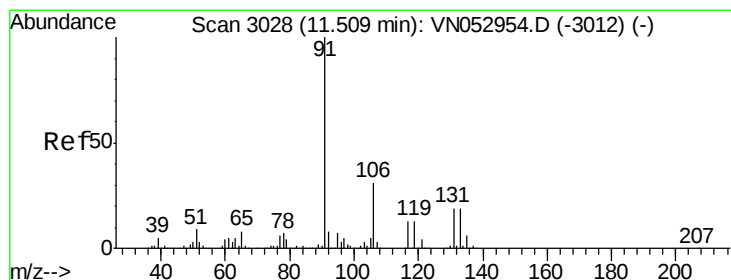
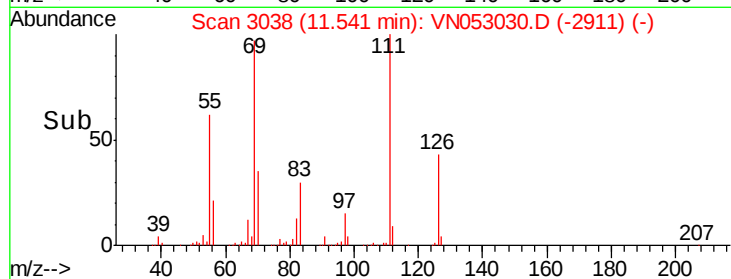
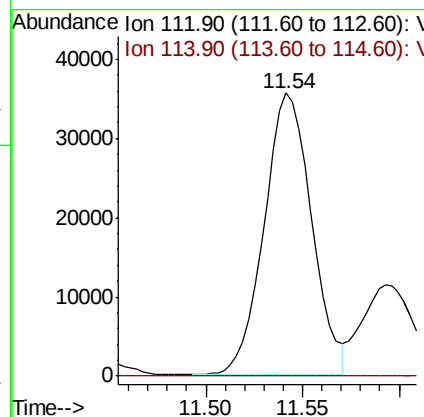
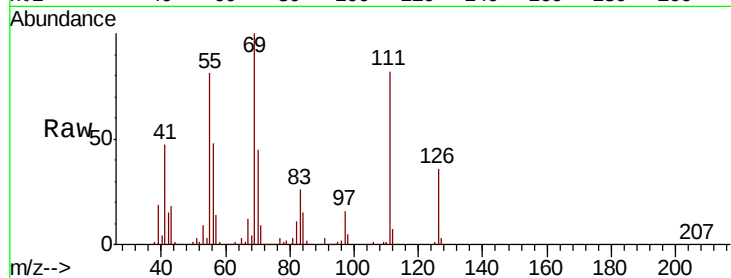




#65
Chlorobenzene
Concen: 1.437 ug/l
RT: 11.54 min Scan# 3038
Delta R.T. 0.11 min
Lab File: VN053030.D
Acq: 20 Dec 2018 00:36

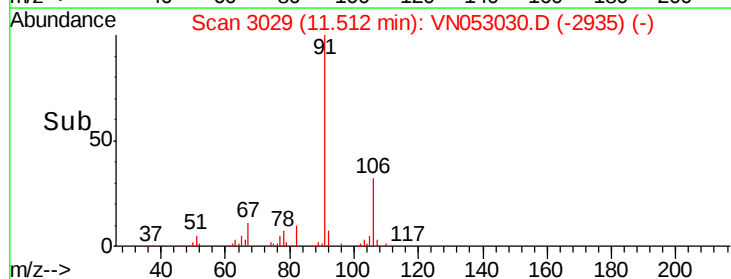
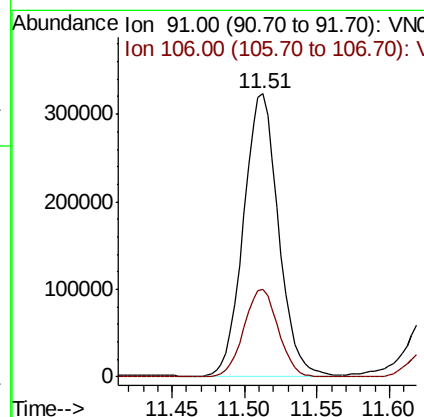
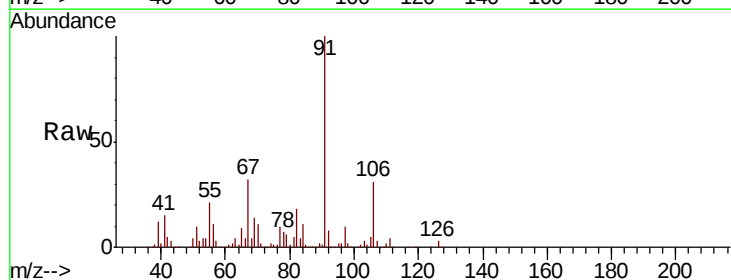
Instrument :
MSVOA_N
ClientSampled :

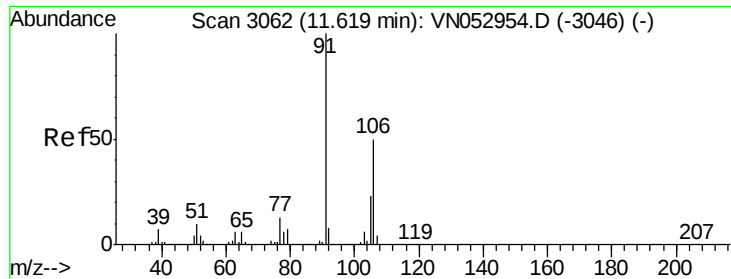
Tot Ion:112 Resp: 60829
Ion Ratio Lower Upper
112 100
114 0.0 25.5 38.3#



#67
Ethyl Benzene
Concen: 7.424 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053030.D
Acq: 20 Dec 2018 00:36

Tgt Ion: 91 Resp: 540348
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

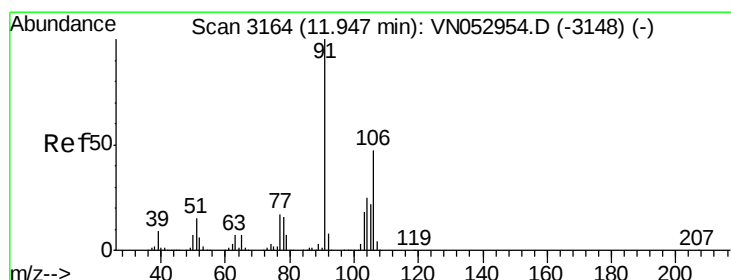
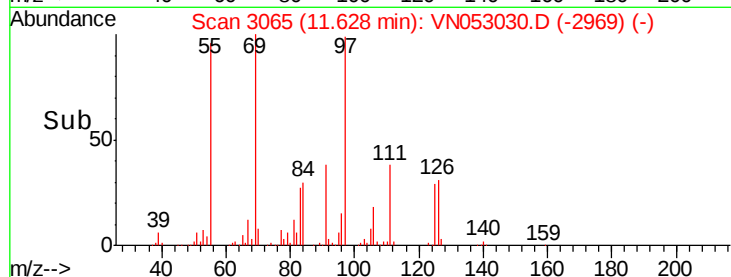
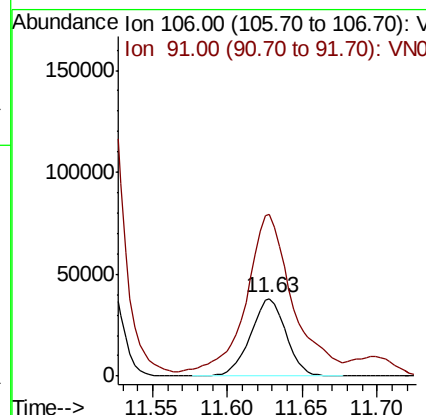
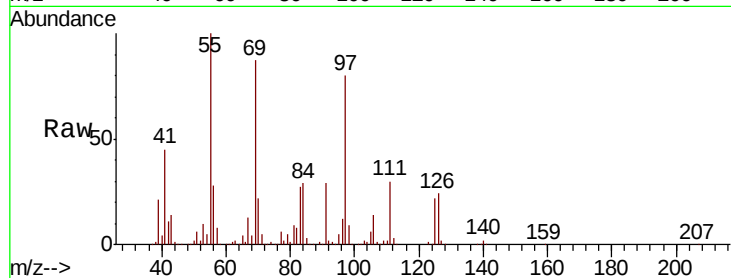




#68
m/p-Xylenes
Concen: 2.270 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN053030.D
Acq: 20 Dec 2018 00:36

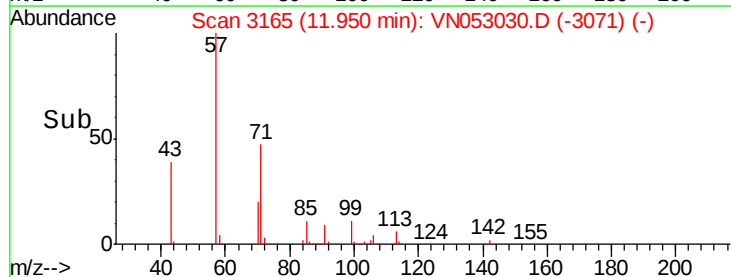
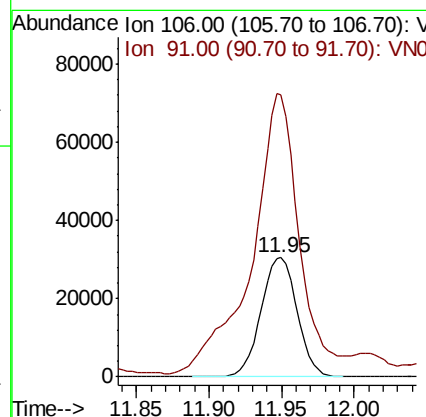
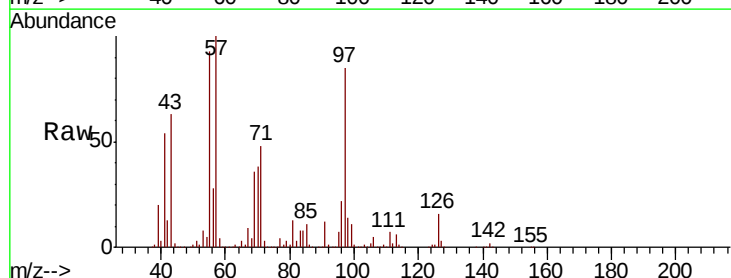
Instrument :
MSVOA_N
ClientSampled :

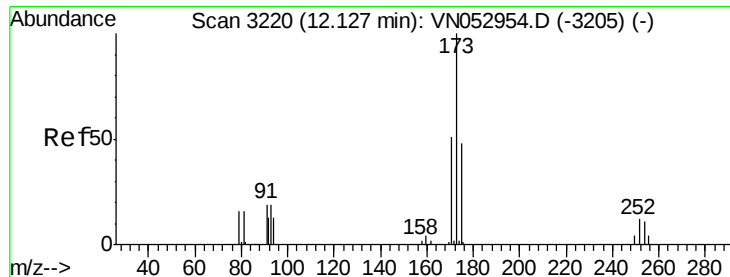
Tot Ion:106 Resp: 62795
Ion Ratio Lower Upper
106 100
91 257.4 162.2 243.4#



#69
o-Xylene
Concen: 2.001 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053030.D
Acq: 20 Dec 2018 00:36

Tgt Ion:106 Resp: 53136
Ion Ratio Lower Upper
106 100
91 302.4 106.6 319.8





#71

Bromoform

Concen: 0.453 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053030.D

Acq: 20 Dec 2018 00:36

Instrument :

MSVOA_N

ClientSampled :

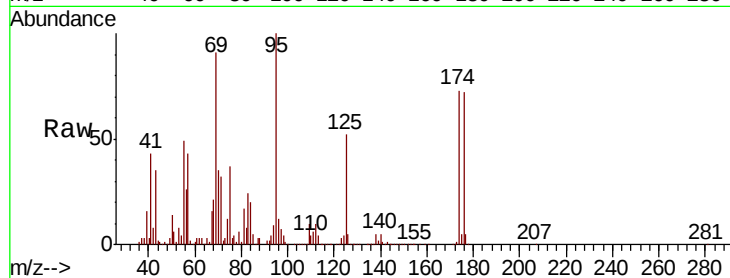
Tot Ion:173 Resp: 4815

Ion Ratio Lower Upper

173 100

175 973.4 24.3 72.9#

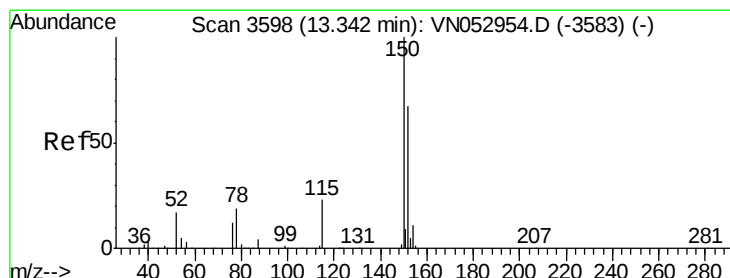
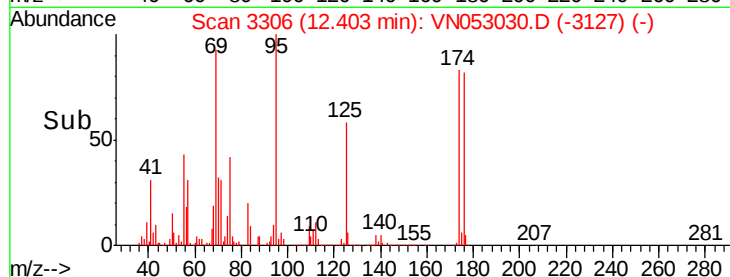
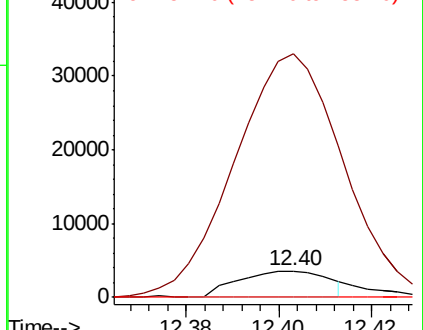
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053030.D

Acq: 20 Dec 2018 00:36

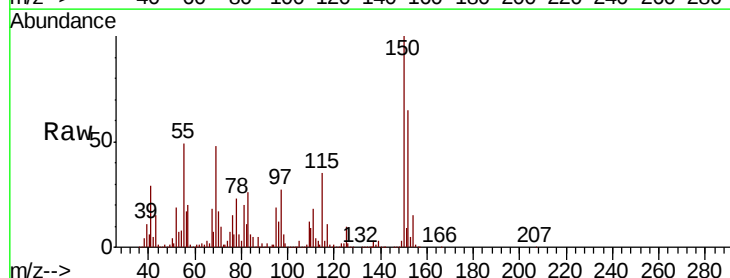
Tgt Ion:152 Resp: 834541

Ion Ratio Lower Upper

152 100

115 46.0 28.3 85.0

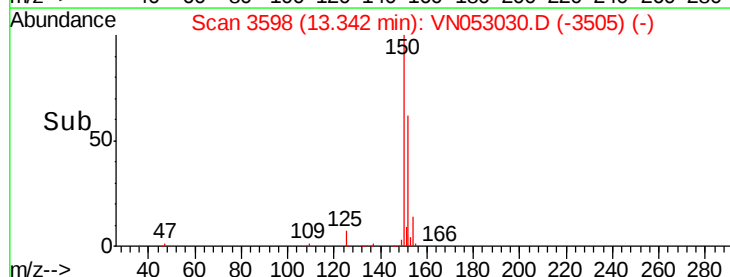
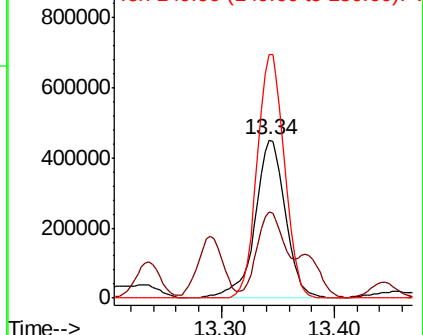
150 139.2 0.0 347.8

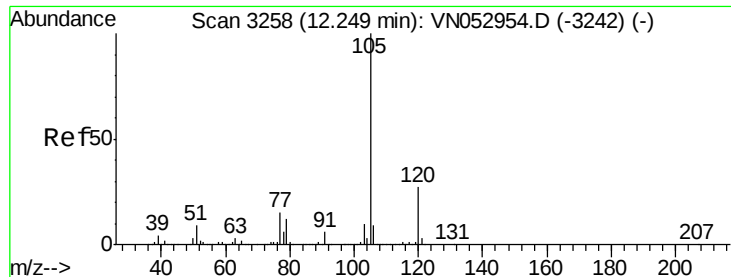


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

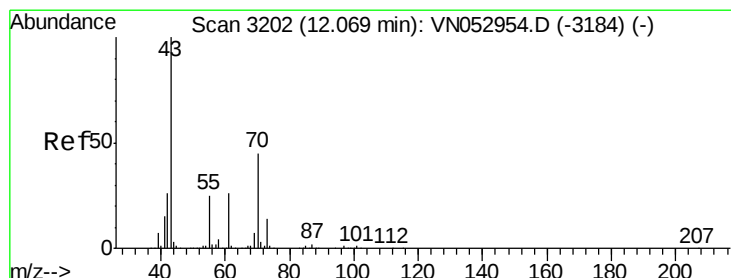
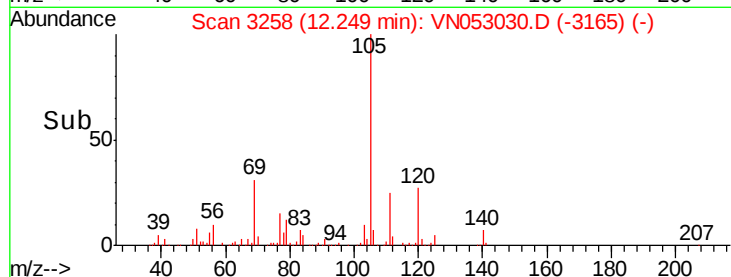
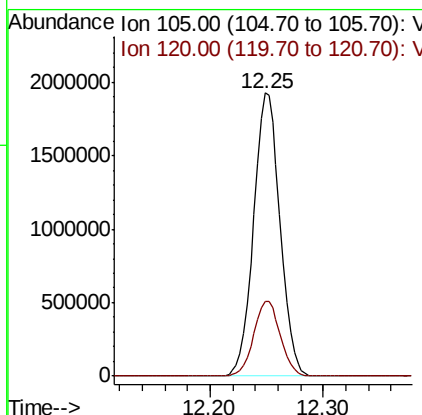
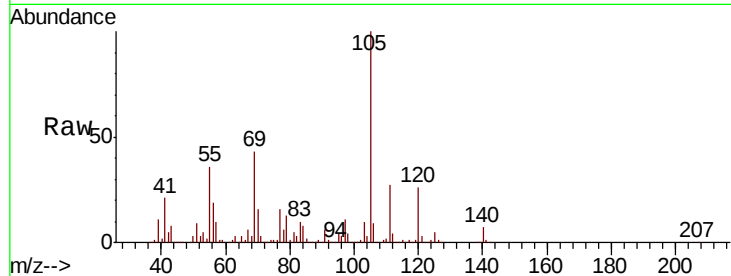




#73
Isopropylbenzene
Concen: 47.573 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN053030.D
Acq: 20 Dec 2018 00:36

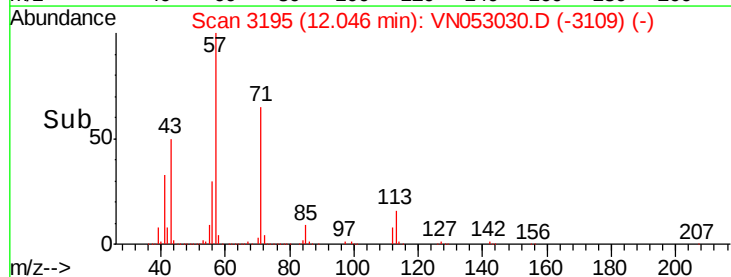
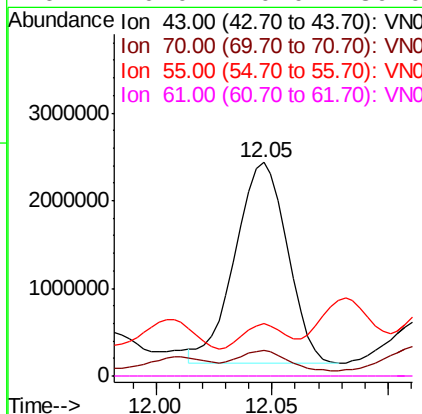
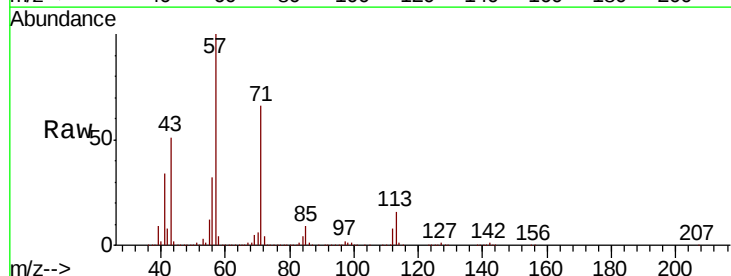
Instrument :
MSVOA_N
ClientSampled :

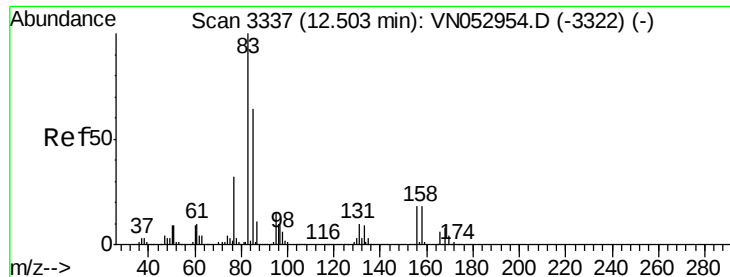
Tot Ion:105 Resp: 3106325
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 198.341 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.02 min
Lab File: VN053030.D
Acq: 20 Dec 2018 00:36

Tgt Ion: 43 Resp: 3595612
Ion Ratio Lower Upper
43 100
70 9.2 34.2 51.4#
55 20.5 20.3 30.5
61 0.0 20.0 30.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 25.341 ug/l

RT: 12.47 min Scan# 3328

Delta R.T. -0.03 min

Lab File: VN053030.D

Acq: 20 Dec 2018 00:36

Instrument :

MSVOA_N

ClientSampleId :

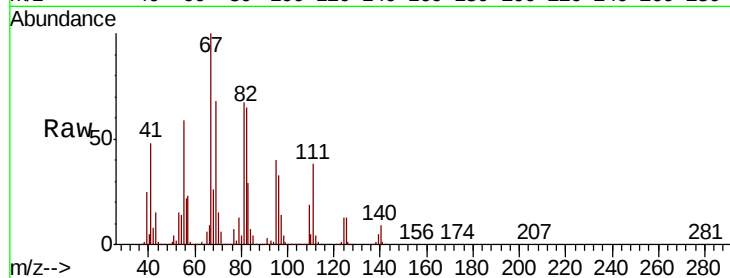
Tot Ion: 83 Resp: 324621

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

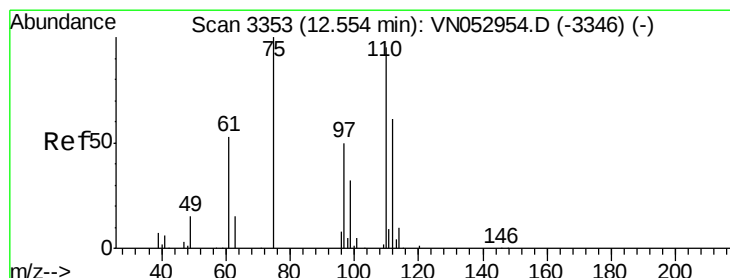
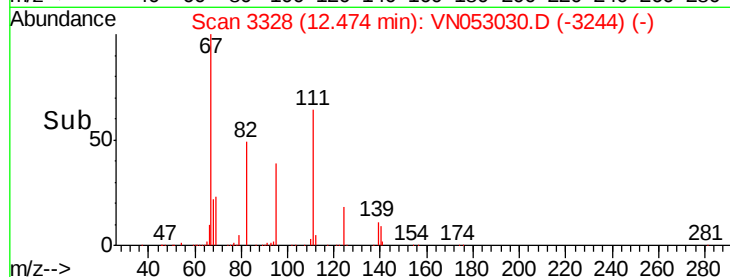
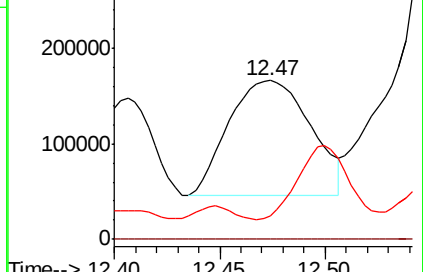
85 0.0 32.4 97.0#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 3.384 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.04 min

Lab File: VN053030.D

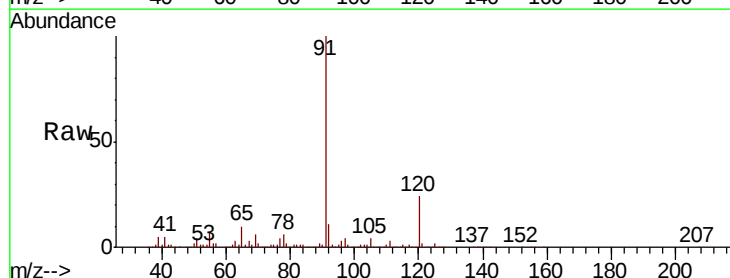
Acq: 20 Dec 2018 00:36

Tgt Ion: 75 Resp: 47542

Ion Ratio Lower Upper

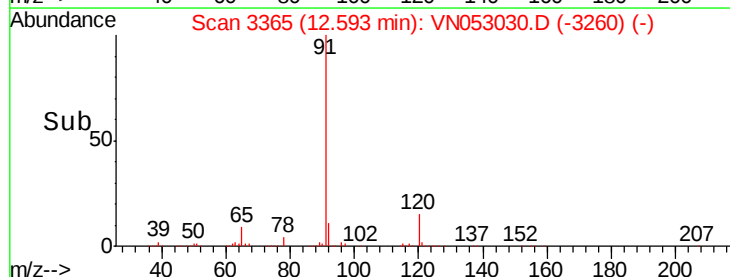
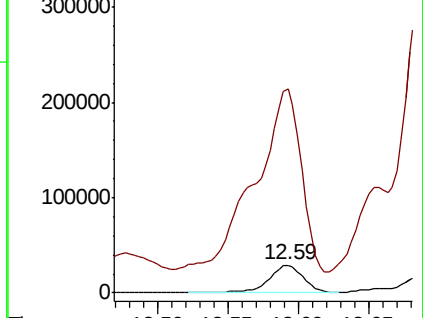
75 100

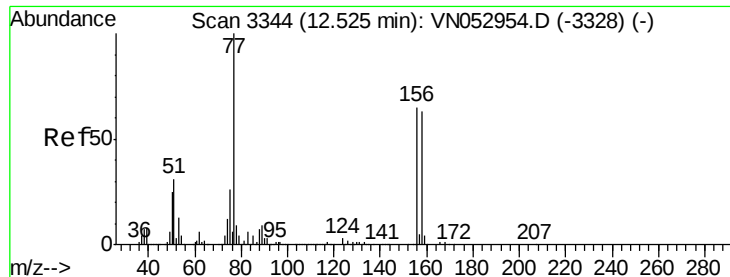
77 899.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 0.218 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.03 min

Lab File: VN053030.D

Acq: 20 Dec 2018 00:36

Instrument :

MSVOA_N

ClientSampleId :

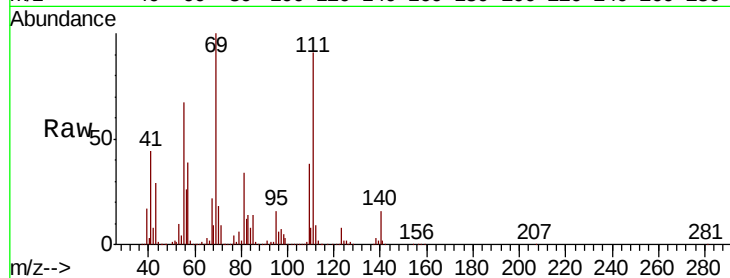
Tot Ion:156 Resp: 3693

Ion Ratio Lower Upper

156 100

77 0.0 91.3 273.8#

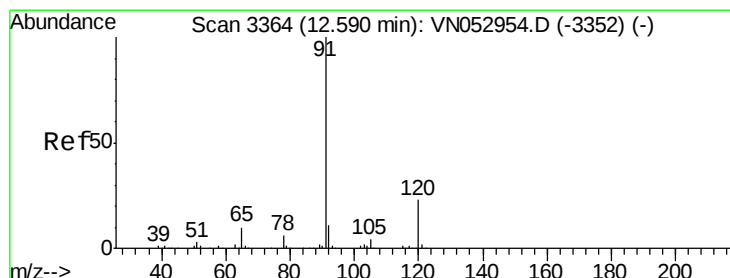
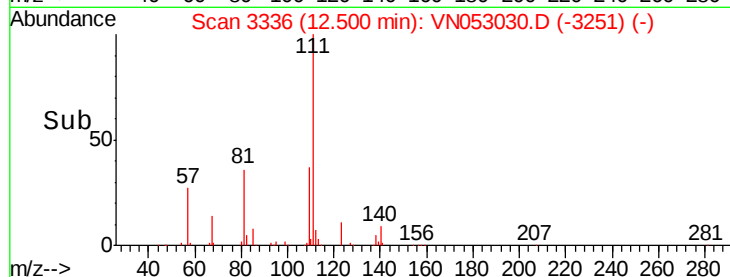
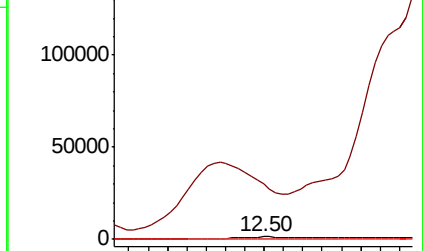
158 0.0 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 112.372 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053030.D

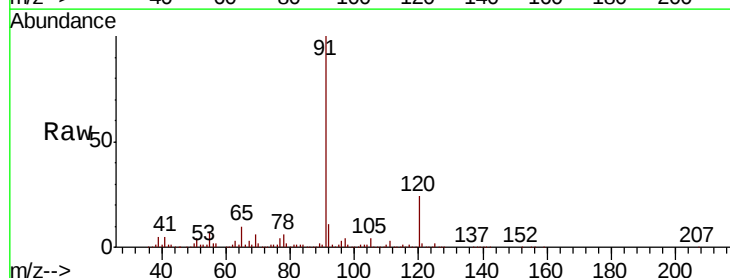
Acq: 20 Dec 2018 00:36

Tgt Ion: 91 Resp: 8356650

Ion Ratio Lower Upper

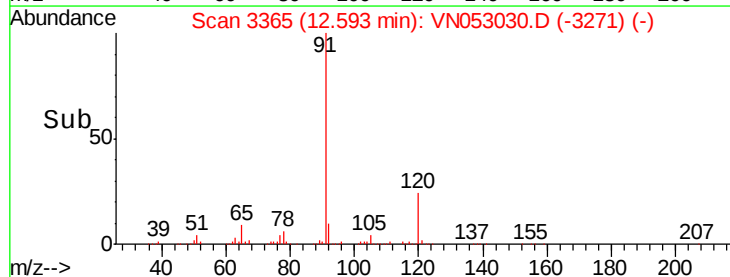
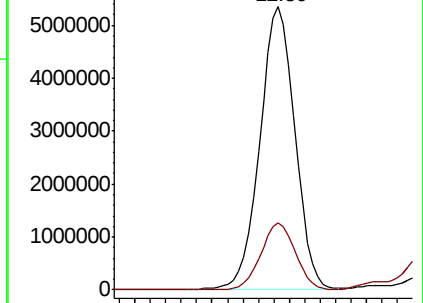
91 100

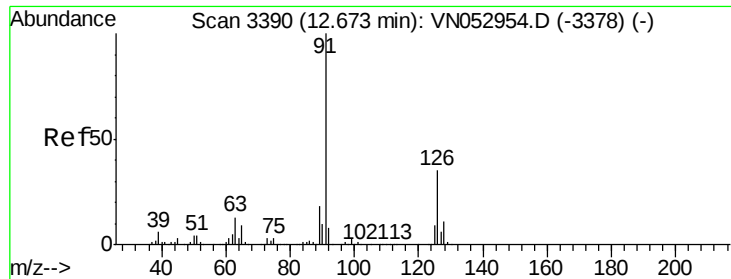
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

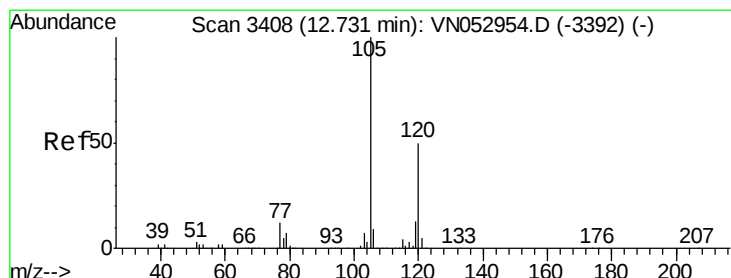
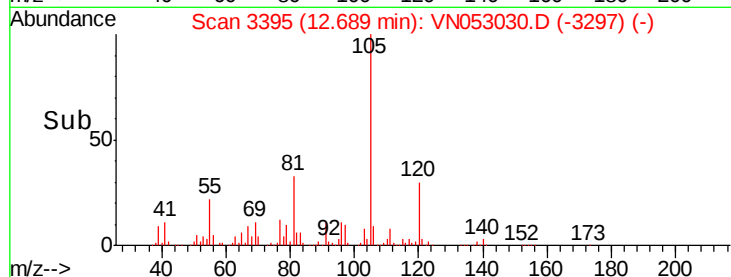
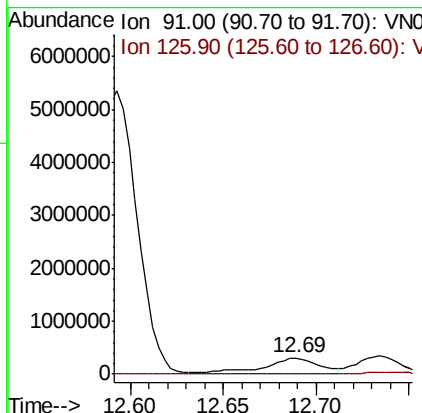
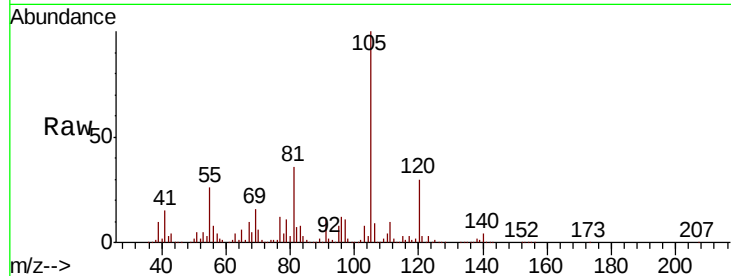




#79
 2-Chlorotoluene
 Concen: 12.427 ug/l
 RT: 12.69 min Scan# 3395
 Delta R.T. 0.02 min
 Lab File: VN053030.D
 Acq: 20 Dec 2018 00:36

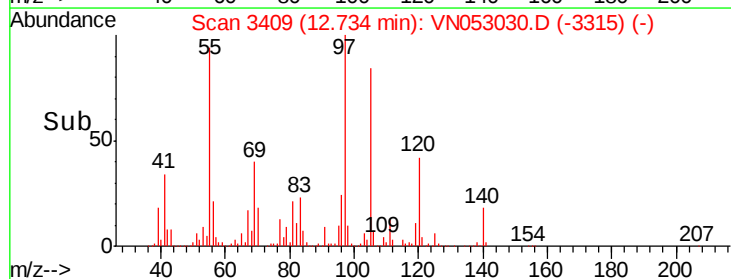
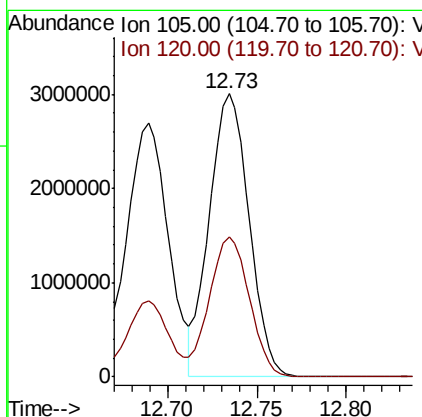
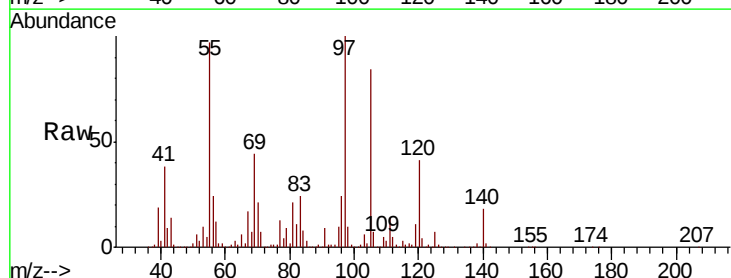
Instrument :
 MSVOA_N
 ClientSampled :

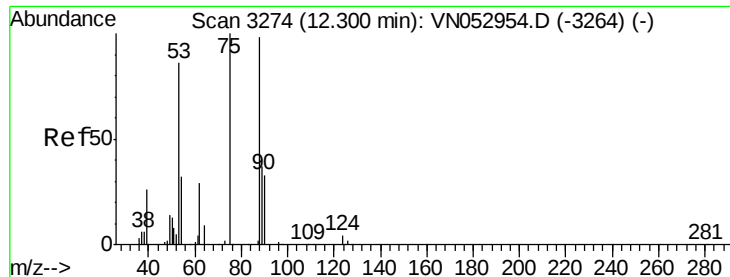
Tot Ion: 91 Resp: 572809
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.4 52.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 87.082 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053030.D
 Acq: 20 Dec 2018 00:36

Tgt Ion: 105 Resp: 4634617
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 7.272 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. -0.05 min

Lab File: VN053030.D

Acq: 20 Dec 2018 00:36

Instrument :

MSVOA_N

ClientSampleId :

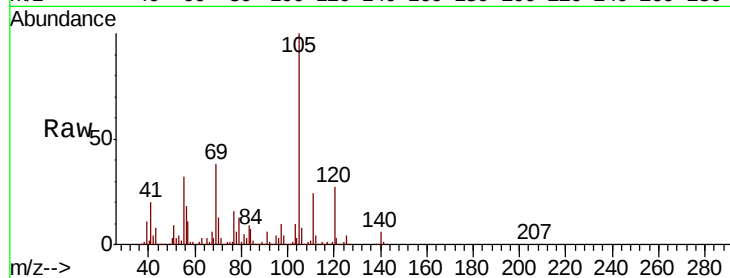
Tot Ion: 75 Resp: 31696

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

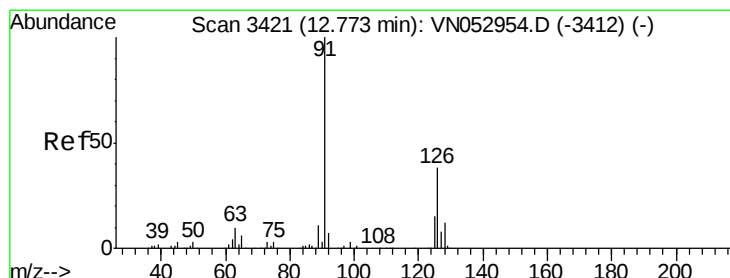
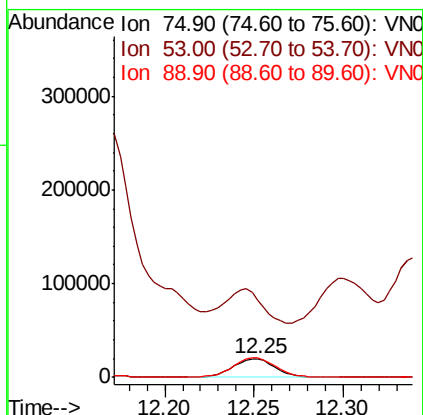
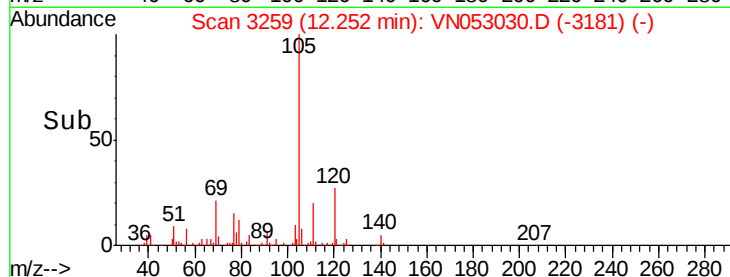
89 106.1 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 11.087 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN053030.D

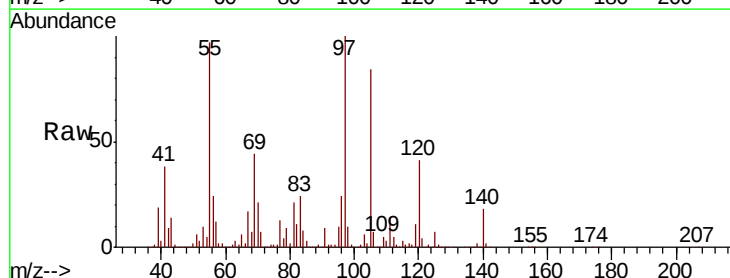
Acq: 20 Dec 2018 00:36

Tgt Ion: 91 Resp: 500294

Ion Ratio Lower Upper

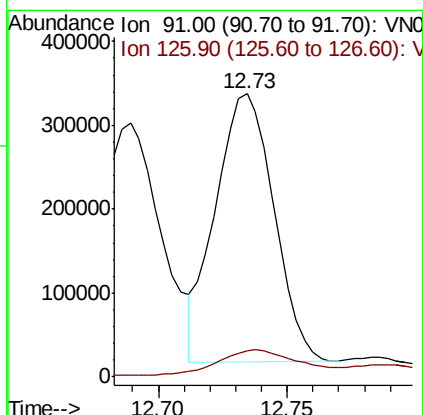
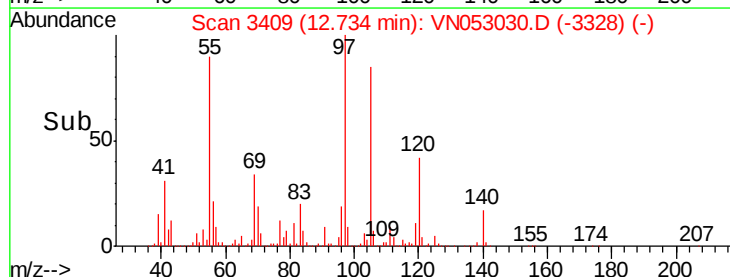
91 100

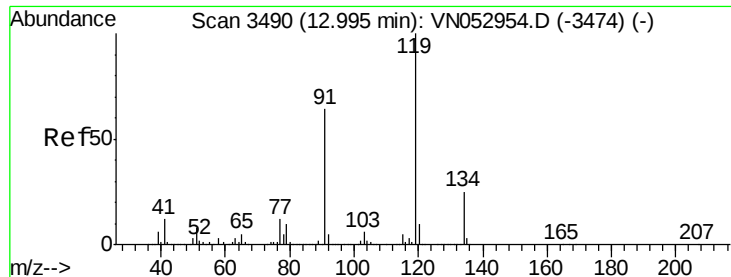
126 12.9 17.3 51.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 11.345 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN053030.D

Acq: 20 Dec 2018 00:36

Instrument :

MSVOA_N

ClientSampleId :

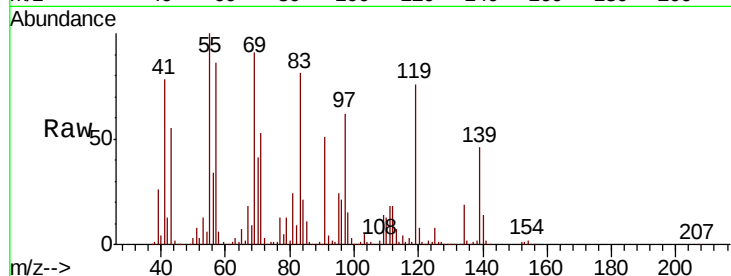
Tot Ion:119 Resp: 534022

Ion Ratio Lower Upper

119 100

91 70.2 31.9 95.5

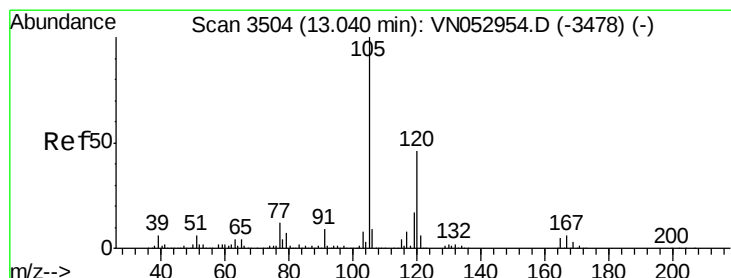
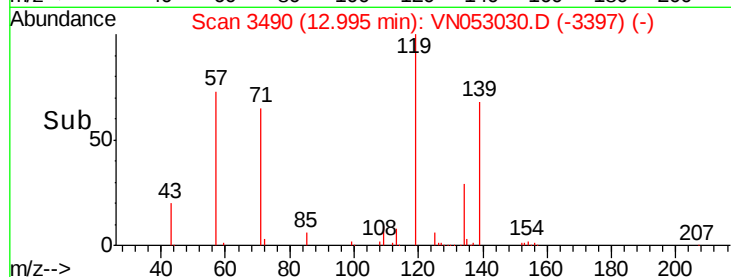
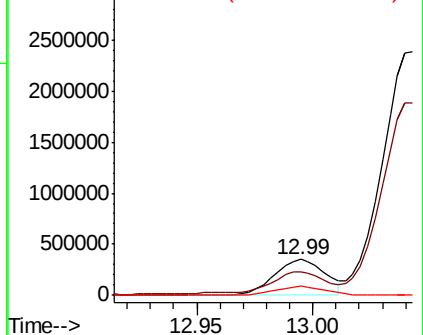
134 25.7 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 84.011 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.13 min

Lab File: VN053030.D

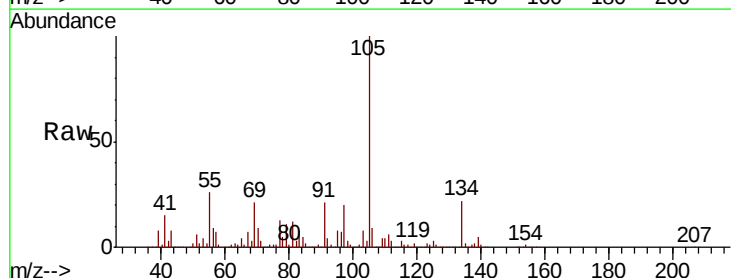
Acq: 20 Dec 2018 00:36

Tgt Ion:105 Resp: 4494804

Ion Ratio Lower Upper

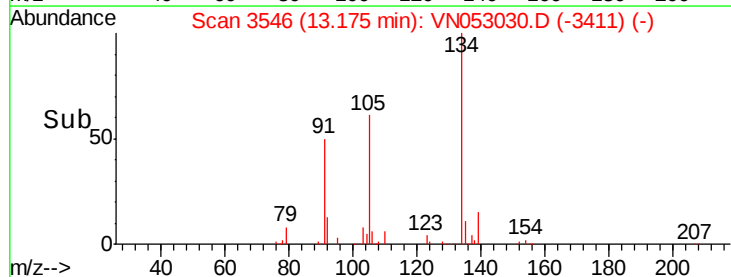
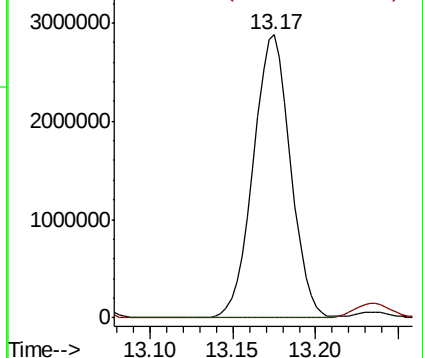
105 100

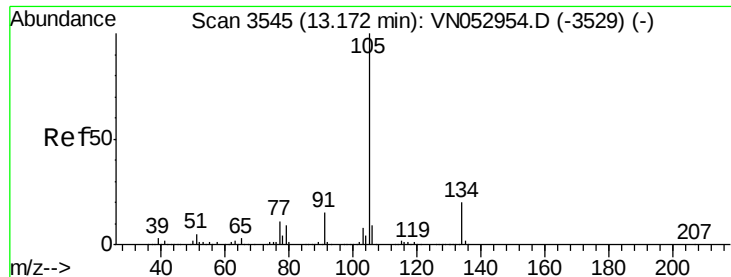
120 0.0 22.9 68.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 70.600 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN053030.D

Acq: 20 Dec 2018 00:36

Instrument :

MSVOA_N

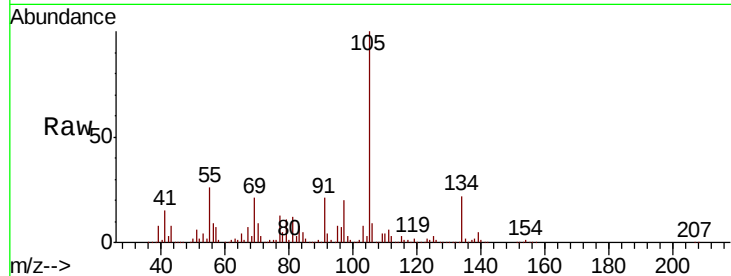
ClientSampleId :

Tot Ion:105 Resp: 4494804

Ion Ratio Lower Upper

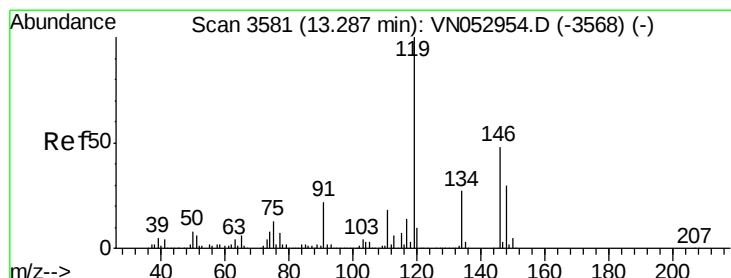
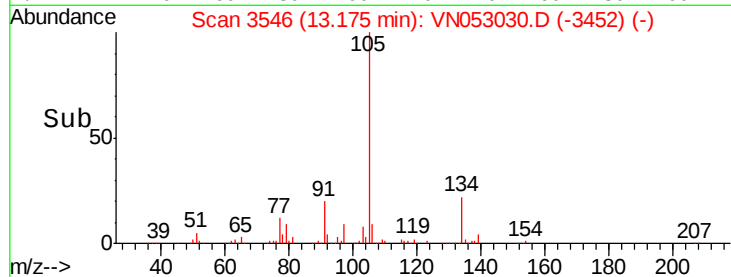
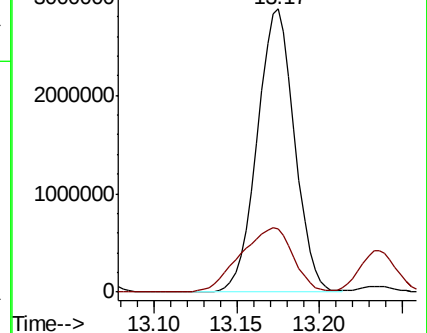
105 100

134 32.1 10.1 30.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 70.064 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053030.D

Acq: 20 Dec 2018 00:36

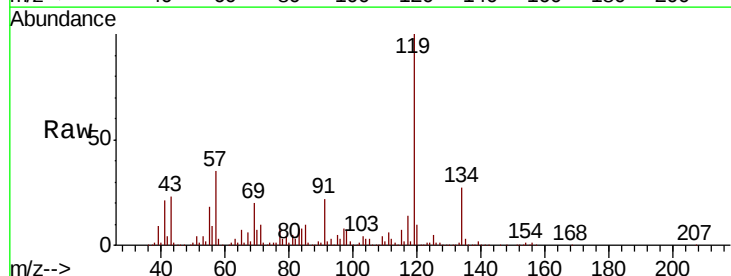
Tgt Ion:119 Resp: 3854404

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

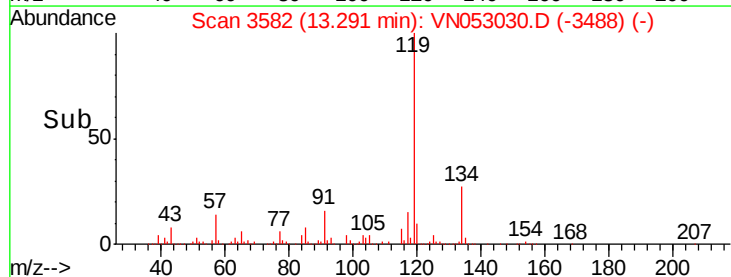
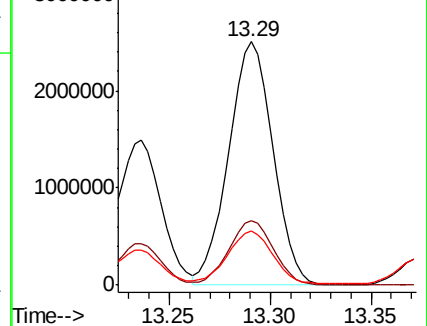
91 22.1 11.1 33.3

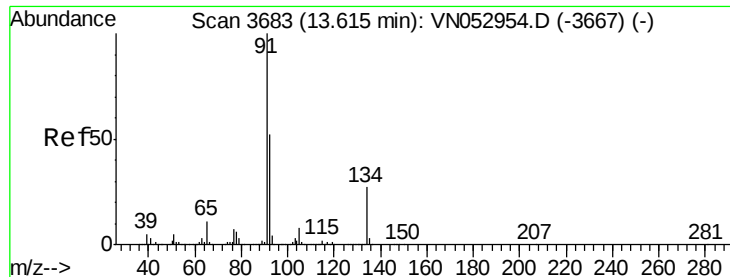


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VNO

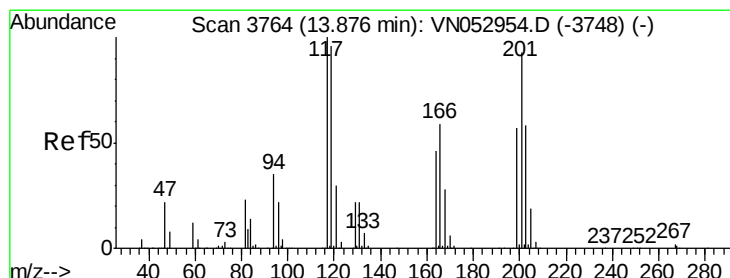
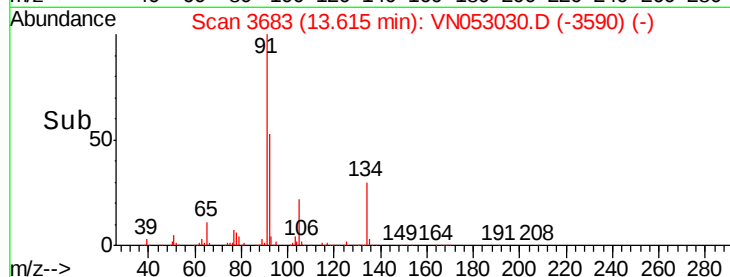
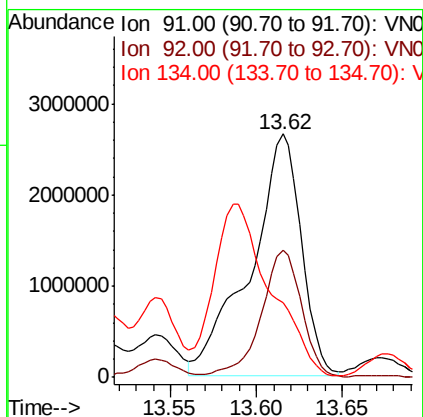
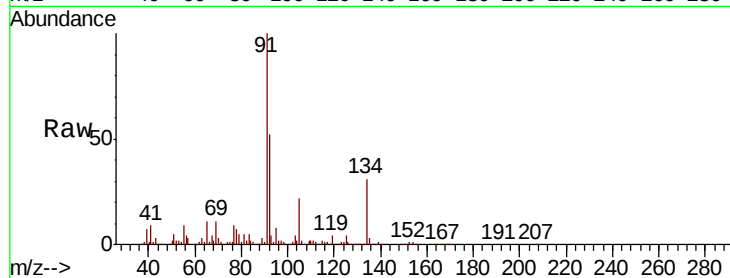




#89
n-Butylbenzene
Concen: 114.799 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN053030.D
Acq: 20 Dec 2018 00:36

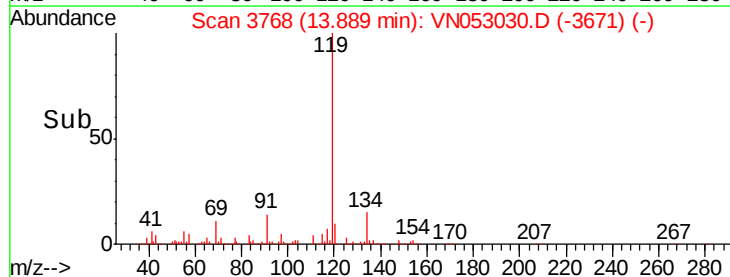
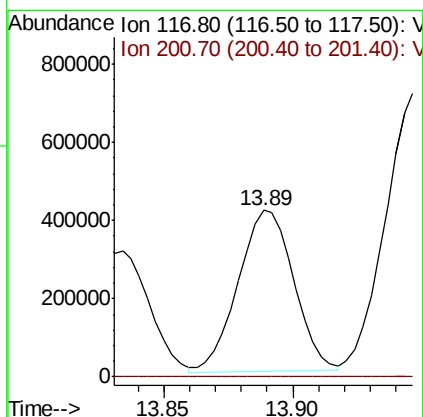
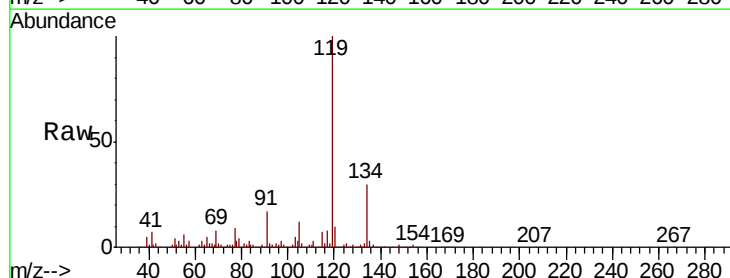
Instrument :
MSVOA_N
ClientSampled :

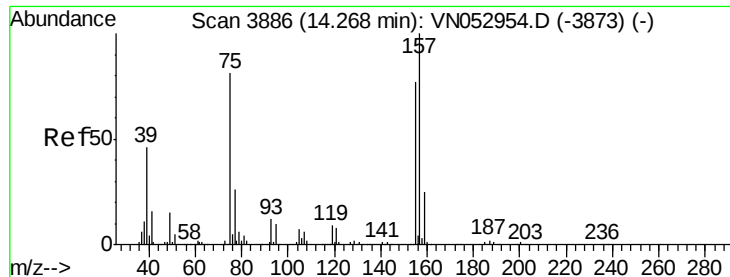
Tot Ion: 91 Resp: 5433229
Ion Ratio Lower Upper
91 100
92 41.4 26.3 78.9
134 0.0 13.3 39.8#



#90
Hexachloroethane
Concen: 73.643 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN053030.D
Acq: 20 Dec 2018 00:36

Tgt Ion: 117 Resp: 621708
Ion Ratio Lower Upper
117 100
201 0.0 45.7 137.1#

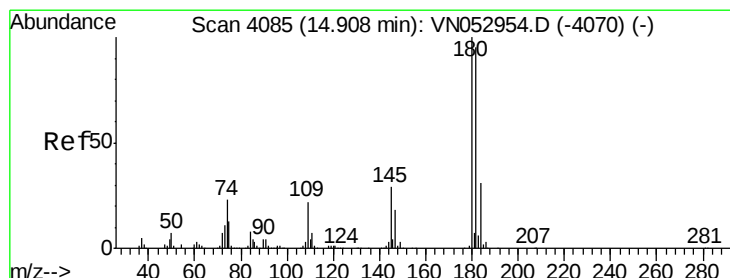
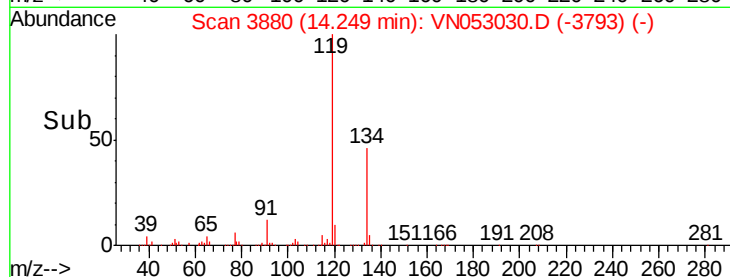
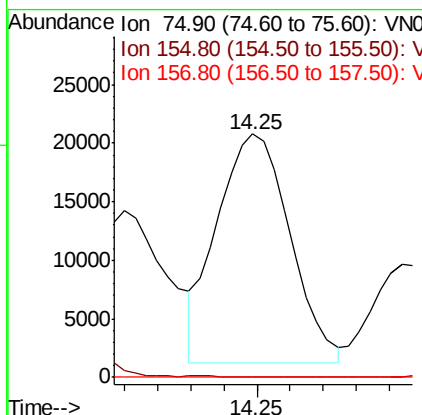
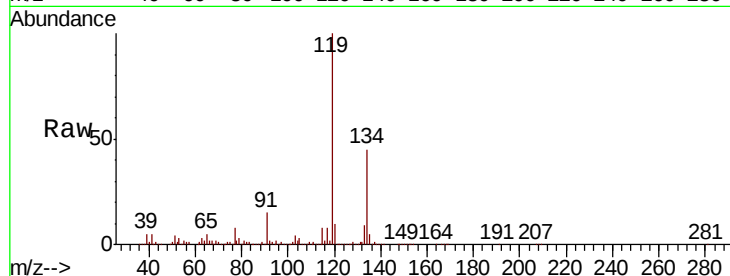




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 13.417 ug/l
 RT: 14.25 min Scan# 3880
 Delta R.T. -0.02 min
 Lab File: VN053030.D
 Acq: 20 Dec 2018 00:36

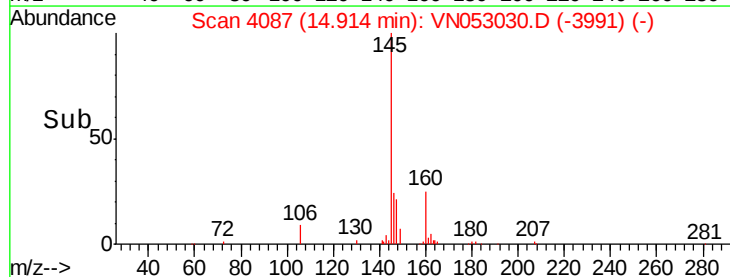
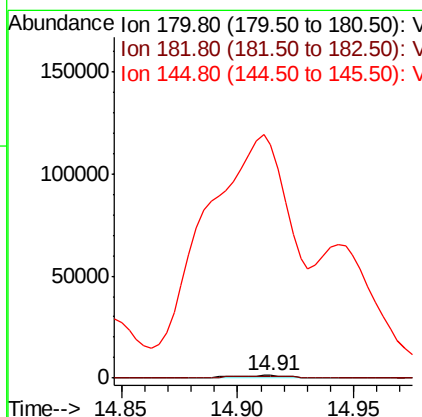
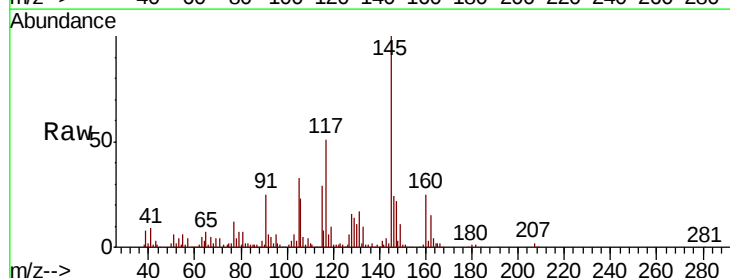
Instrument :
 MSVOA_N
 ClientSampled :

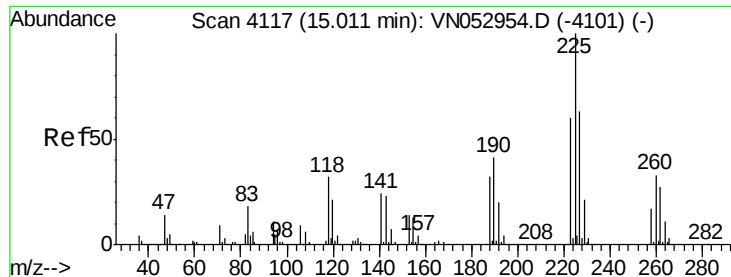
Tot Ion: 75 Resp: 29718
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.2 144.6#
 157 0.0 61.2 183.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.753 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN053030.D
 Acq: 20 Dec 2018 00:36

Tgt Ion:180 Resp: 2385
 Ion Ratio Lower Upper
 180 100
 182 82.9 47.8 143.3
 145 10647.8 14.2 42.6#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4118

Delta R.T. 0.00 min

Lab File: VN053030.D

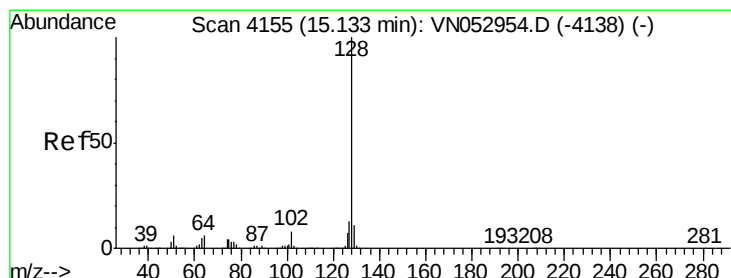
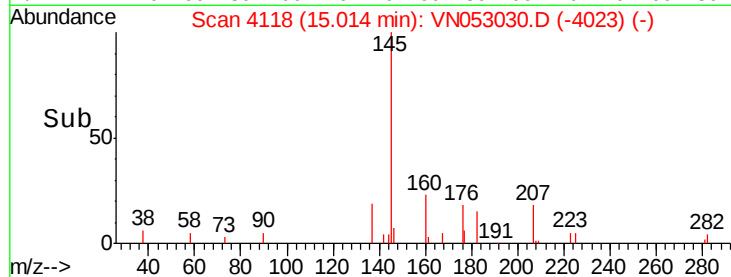
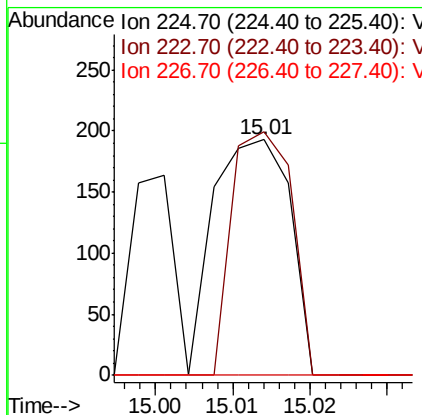
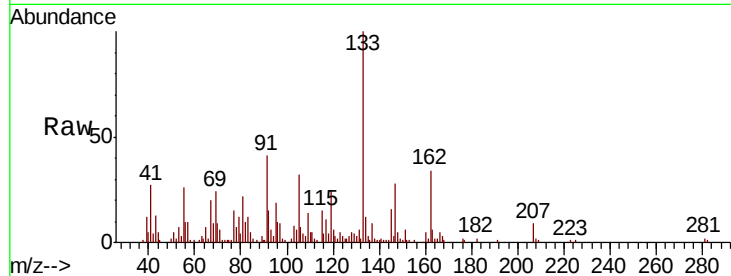
Acq: 20 Dec 2018 00:36

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	225	Resp:	133
Ion	Ratio	Lower	Upper
225	100		
223	81.2	31.5	94.5
227	0.0	31.9	95.7#



#95

Naphthalene

Concen: 9.112 ug/l

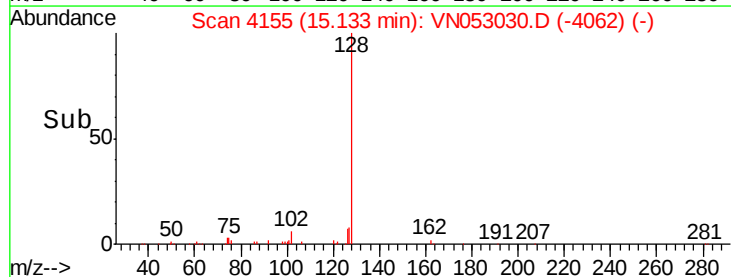
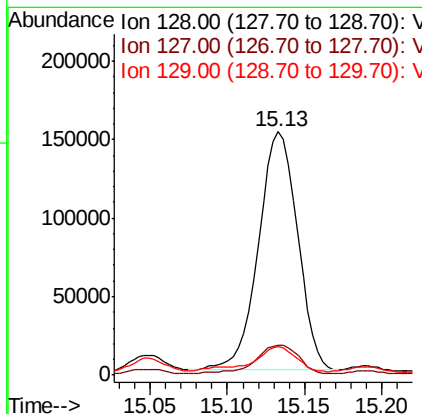
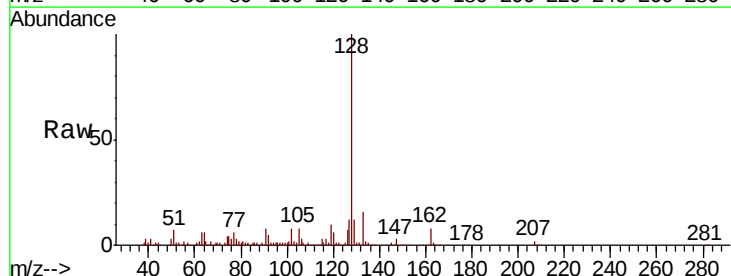
RT: 15.13 min Scan# 4155

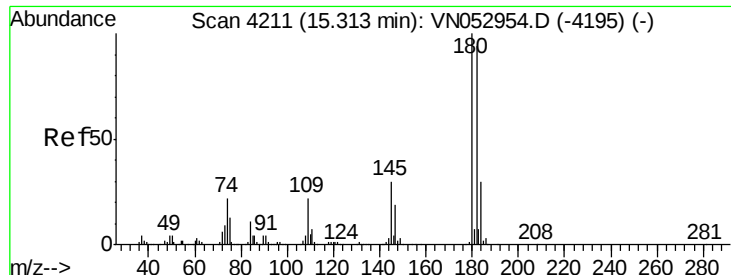
Delta R.T. -0.00 min

Lab File: VN053030.D

Acq: 20 Dec 2018 00:36

Tgt Ion:	128	Resp:	267486
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.4	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.627 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN053030.D
 Acq: 20 Dec 2018 00:36

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	80.6	47.9	143.7
145	0.0	15.0	45.0#

